

S
388.11
H3e n2
1972

STATE DOCUMENTS

1972 ESTIMATE OF THE COST OF
COMPLETING THE NATIONAL SYSTEM OF INTERSTATE AND DEFENSE HIGHWAYS
IN THE STATE OF MONTANA

AUGUST 2, 1971

PREPARED BY THE MONTANA HIGHWAY DEPARTMENT
IN COOPERATION WITH THE
U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

IN ACCORDANCE WITH
SECTION 104(B)(5), TITLE 23, U. S. CODE HIGHWAYS

MONTANA STATE LIBRARY
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Helena, Montana 59601

Montana State Library



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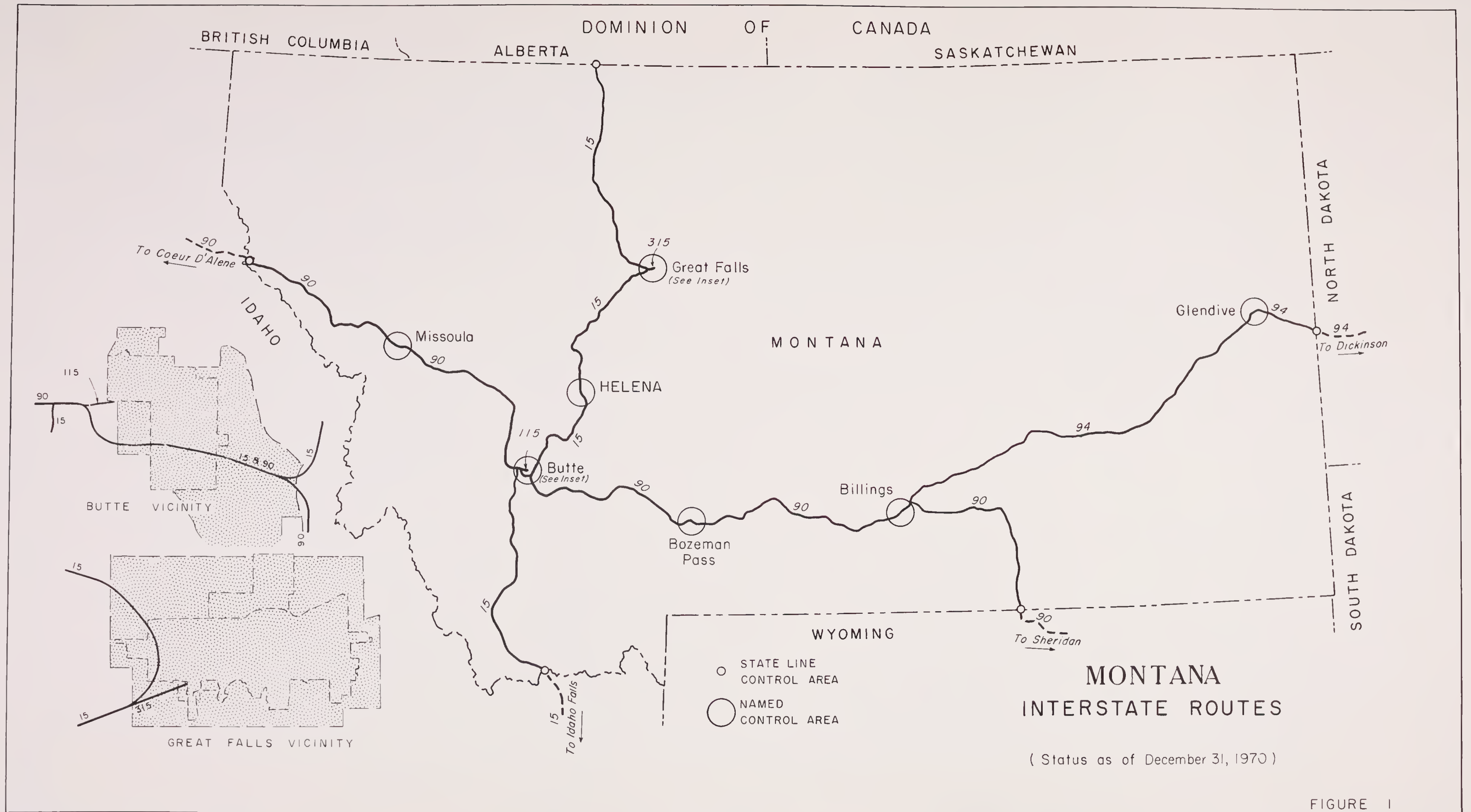
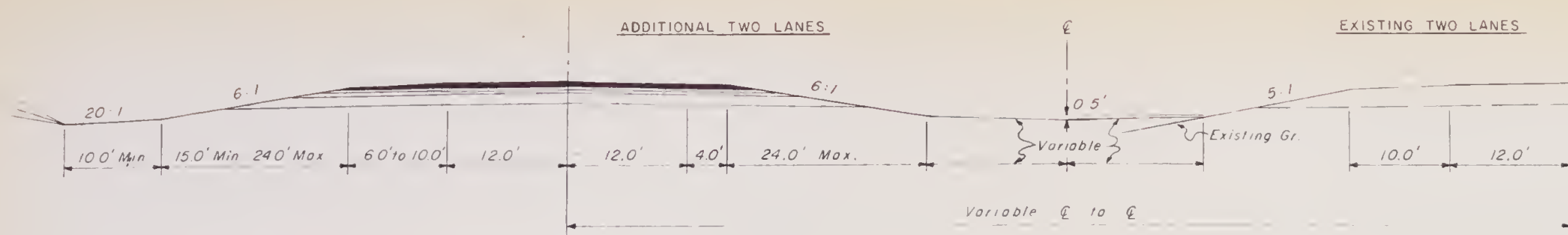


FIGURE 1

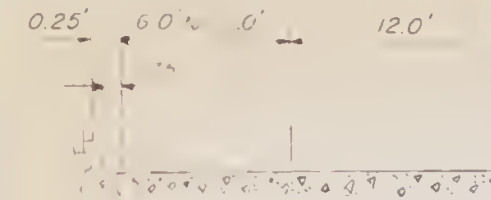
MODIFIED 2 LANE

ROADWAY

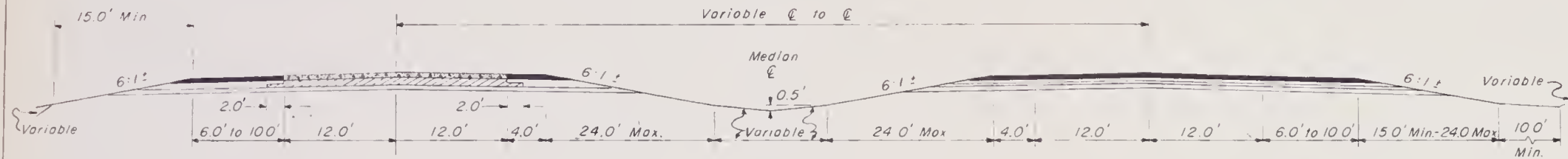


TYPICAL SECTION REFERENCE CODE

RIGHT SHOULDER	BIT. SURF.	CONC. SURF.
10'	20	21
6'	22	23



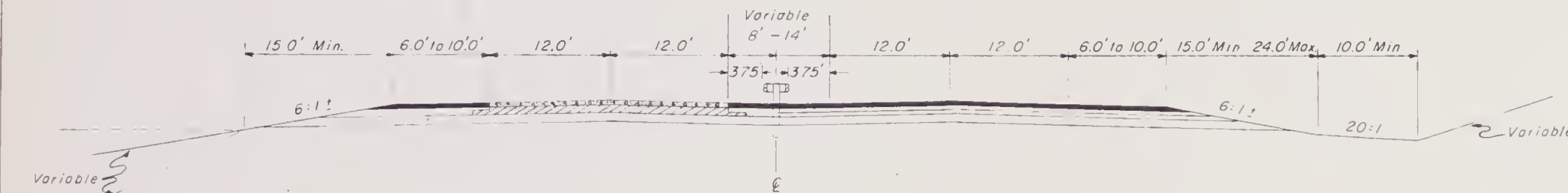
DEPRESSED MEDIAN



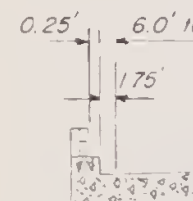
10'	30	31
6'	32	33

4 LANE DIVIDED

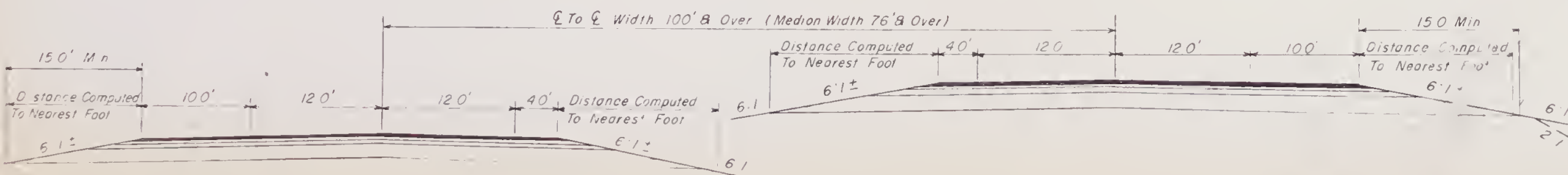
GUARDRAIL MEDIAN



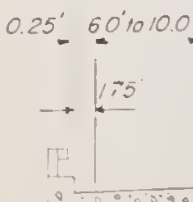
10'	40	41
6'	42	43



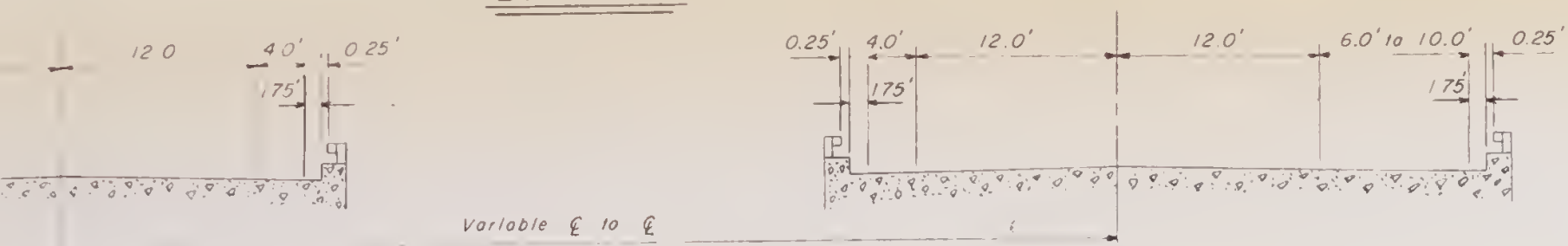
INDEPENDENT ALLING



10'	50	51
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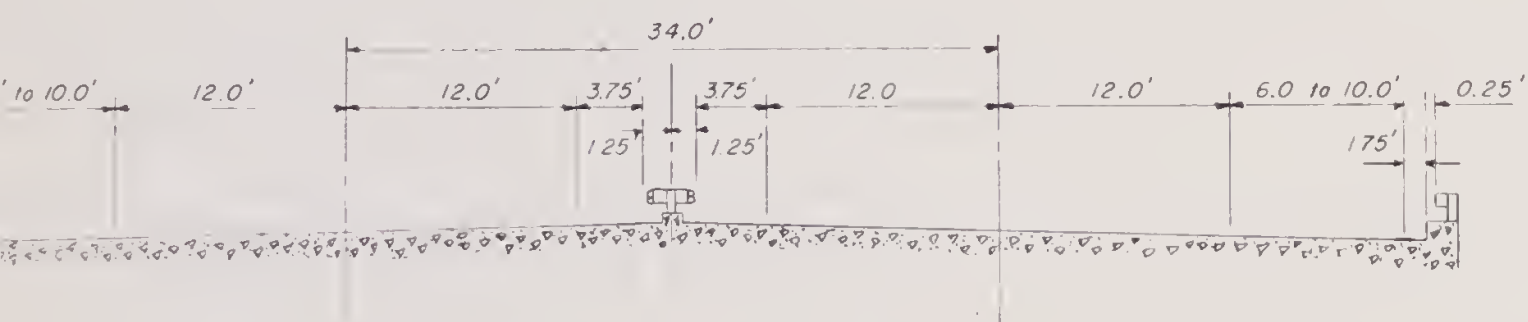


BRIDGES



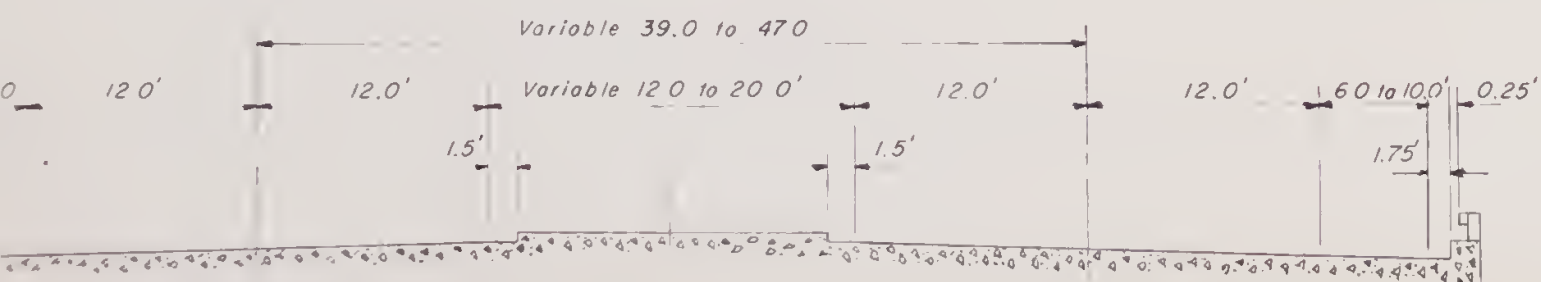
DEPRESSED MEDIAN

CODE
10' shoulder 60
6' shoulder 61



GUARDRAIL MEDIAN

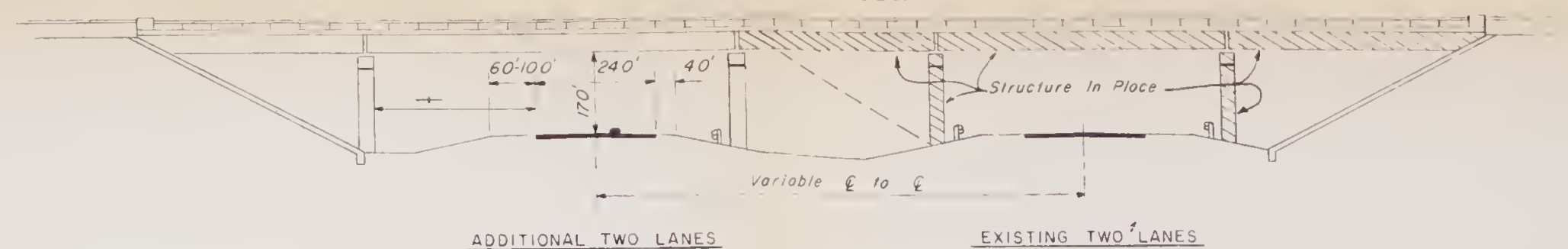
CODE 70



CURBED MEDIAN

CODE 75

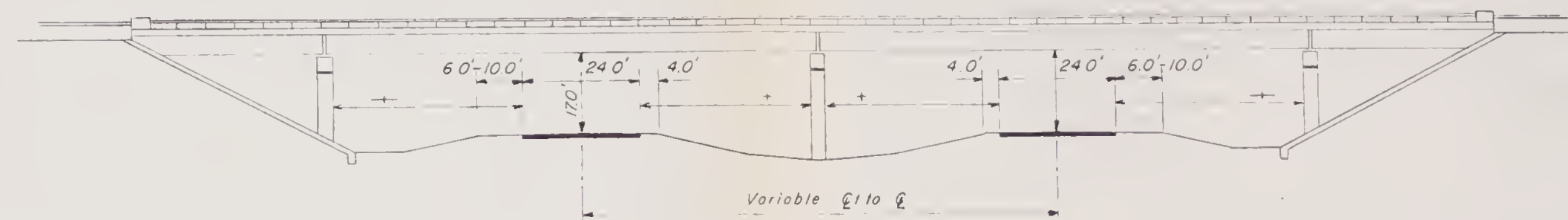
UNDERPASSES



+ 14' Absolute Minimum (Guardrail < 30')
30' Desirable Minimum

GRADE SEPARATION

CODE 80

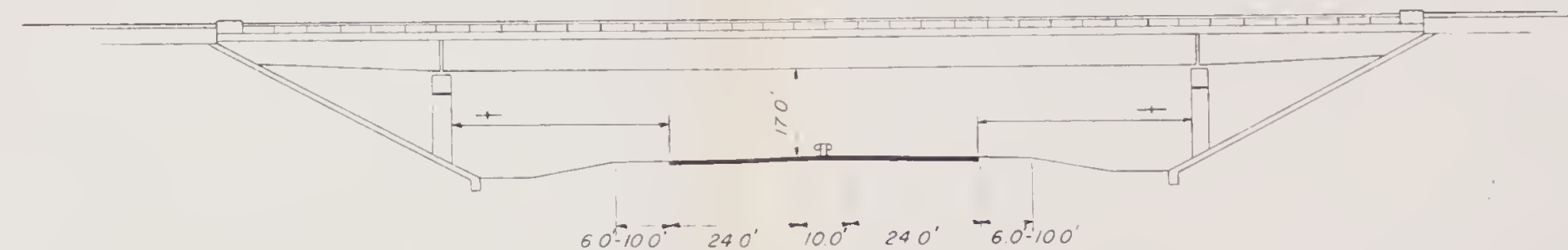


+ 14' Absolute Minimum (Guardrail < 30')
30' Desirable Minimum

+ 5'6" Absolute Minimum
30' Desirable Minimum

GRADE SEPARATION

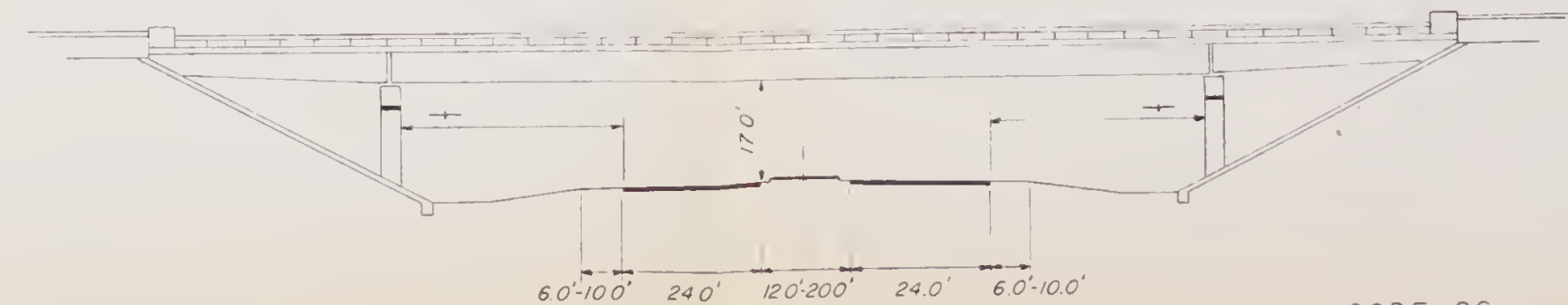
CODE 82



+ 14' Absolute Minimum (Guardrail < 30')
30' Desirable Minimum

GRADE SEPARATION - GUARDRAIL MEDIAN

CODE 84



+ 14' Absolute Minimum (Guardrail < 30')
30' Desirable Minimum

GRADE SEPARATION - CURBED MEDIAN

CODE 86

TABLE A

APPROVED INTERSTATE ROUTE DESCRIPTIONSState MONTANA

Route Number	Route Description	Length, Miles
15	From the Montana-Idaho State line at Monida Pass via Butte, Helena, and Great Falls to the international boundary at Sweetgrass	395.0
90	From the Montana-Idaho State line at Lookout Pass via Missoula to a point on Interstate Route 15 west of Butte, and from another point on Interstate Route 15 east of Butte via Bozeman Pass and Billings to the Montana-Wyoming State line north of Sheridan, Wyoming	543.7
94	From a point on Interstate Route 90 near Billings via Glendive to the Montana-North Dakota State line near Beach, North Dakota	247.8
115	From a point on Interstate Route 15 west of Butte, to Butte	1.4
315	From a point on Interstate Route 15 southwest of Great Falls, to Great Falls	0.8
Total		1188.7

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 15

Sheet 1 of 8 Sheets

ITEM	ESTIMATE SECTION													
	G1	G2	G2.1	G3	G4	G5	G6	G7	G8.1	G8.2	G8.2.1	G9	G10	G10.1
	G2	G2.1	G3	G4	G5	G6	G7	G8.1	G8.2	G8.2.1	G9	G10	G10.1	G11.1
	23	22	22	22	23	21	23	23	23	22	22	23	23	23
1. Section Length, miles (0.1)	1.6	6.9	3.5	5.0	5.6	1.9	13.3	7.8	5.3	1.4	2.4	3.0	2.3	4.8
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area Identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	N	E	E	E	N	N	N	N	N	E	E	N	N	N
5. Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	70	70	70	70	70	70	70	70	70	70	70	70	70
7. Traffic: a. ADT 1970	680	680	750	760	760	760	952	952	930	930	1073	1300	1470	1470
b. ADT 1975	950	950	1050	1050	1050	1050	1300	1300	1300	1300	1500	1800	2050	2050
c. ADT 1990	1250	1250	1350	1400	1400	1400	1750	1750	1700	1700	1950	2400	2800	2800
d. ADT 2000	1400	1400	1550	1550	1550	1550	1950	1950	1950	1950	2200	2700	3200	3200
8. Traffic: a. Design Year (19)	95	95	95	95	89	89	89	93	94	93	93	93	93	93
b. ADT Design Year	1350	1350	1450	1500	1350	1350	1700	1800	1800	1800	2050	2450	2900	2900
c. DHV Design Year	170	170	190	190	170	170	220	230	230	230	260	320	370	370
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	13	13	13	13	13	13	13	13	11	11	11	11	11	11
f. T Percent trucks design year (ADT)	18	18	18	18	18	18	18	18	15	15	15	15	15	15
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	1.6	5.2	3.1	2.7				4.4		1.1	0.4		0.1	4.8
11. Mileage with frontage roads one side only		1.7	0.4	.3			12.3	3.2	5.3	0.8	-		0.2	
12. Mileage with frontage roads on both sides				2.0	5.6	1.9	1.0	0.2			2.0	3.0	2.0	
13. Typical cross-section reference	20	20	20	20	20	30	30	20	20	30	20	20	30	30
14. Right-of-Way Width: Minimum	300	350	300	350	300	290	270	250	270	300	250	250	240	240
Prevaling	300	400	370	450	300	350	360	300	270	300	300	300	300	300
15. Median Width: Minimum	38	28	28	38	46	76	76	38	38	28	38	38	38	68
Prevaling	38	38	38	38	46	76	76	93	38	38	38	38	68	68

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 15Sheet 2 of 8 Sheets

ITEM	ESTIMATE SECTION													
	G11.1 G11.2	G11.2 G12	G12 G12.1	G12.1 G13	G13 G14	G14 G15	G15 G16	G16 G16.1	G16.1 G17.0.1	G17.0.1 G17.0.2	G17.0.2 G18.1	G18.1 G18.2	G18.2 G18.3	G18.3 G19
	23	23	23	23	23	23	23	23	23	23	23	23	23	22
1. Section Length, miles (0.1)	10.4	2.8	7.3	2.4	5.0	2.9	5.2	1.7	7.3	2.9	1.5	1.6	1.8	1.0
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area Identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	N	N	N	E
5. Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	70	70	60	60	60	60	60	70	70	70	70	70	70
7. Traffic: a. ADT 1970	880	858	858	820	820	867	867	920	920	955	955	973	973	973
b. ADT 1975	1200	1200	1200	1150	1150	1200	1200	1250	1250	1300	1300	1350	1350	1350
c. ADT 1990	1600	1550	1550	1500	1500	1600	1600	1700	1700	1750	1750	1800	1800	1800
d. ADT 2000	1800	1800	1800	1700	1700	1800	1800	1900	1900	2000	2000	2000	2000	2000
8. Traffic: a. Design Year (19)	93	92	92	91	91	91	92	92	92	92	92	92	92	75
b. ADT Design Year	1650	1600	1600	1500	1500	1600	1600	1700	1700	1800	1800	1800	1800	1350
c. DHV Design Year	210	210	210	190	190	210	210	220	220	230	230	230	230	170
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	8	8	8	8	8	8	8	8	8	8	8	8	8	8
f. T Percent trucks design year (ADT)	12	12	12	12	12	12	12	12	12	12	12	12	12	12
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	10.4		0.9										0.1	1.0
11. Mileage with frontage roads one side only		2.8	3.8	2.4	5.0	2.9	4.8	1.7	7.3	2.9	1.5	1.6		
12. Mileage with frontage roads on both sides			2.6				0.4						1.7	
13. Typical cross-section reference	30	30	30	30	30	30	30	30	30	30	30	30	20	30
14. Right-of-Way Width: Minimum	260	290	310	250	250	272	290	360	300	320	300	350	310	270
Prevailing	260	310	360	300	300	290	400	420	400	420	500	500	350	300
15. Median Width: Minimum	76	68	68	76	76	76	38	68	68	68	68	68	28	36
Prevailing	76	68	68	76	76	76	68	68	68	96	200	68	68	36

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 15Sheet 3 of 8 Sheets

ITEM	ESTIMATE SECTION													
	G19	G20.1	G20.1.1	G20.2	G20.2.1	G20.3	G20.4	G21	G21.1	G21.2	G22.1	G22.2	G22.3	G22.4
	G20.1	G20.1.1	G20.2	G20.2.1	G20.3	G20.4	G21	G21.1	G21.2	G22.1	G22.2	G22.3	G22.4	G22.5
1. Section Length, miles (O.I)	22	22	22	23	23	23	23	23	23	23	23	22	22	22
2. Class: Rural or Urban (R or U)	1.5	0.4	2.7	1.8	2.0	0.8	0.6	0.3	3.2	0.1	8.7	7.2	5.1	2.7
3. Urban Area Identification (name and code)	R	R	R	R	U*	U*	U*	R	R	R	R	R	R	R
4. Location: Existing, new or toll (E, N or T)					359#	359#	359#							
5. Mileage increment: Code 1, 2, 3 or 4	E	E	E	N	N	N	N	N	N	N	N	E	E	E
6. Design speed (V)	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7. Traffic: a. ADT 1970	60	60	60	60	70	70	70	50	50	50	70	50	50	50
b. ADT 1975	2211	6500	6705	3613	5898	3262	3262	630	30	630	1000	975	1038	1114
c. ADT 1990	3050	9100	9400	5050	8600	4550	4550	800	800	800	1400	1350	1450	1550
d. ADT 2000	4050	12300	12650	6850	11950	6150	6150	1200	1200	1200	1900	1850	1950	2100
8. Traffic: a. Design Year (19)	4600	14050	14500	7800	13850	7050	7050	1350	1350	1350	2150	2100	2250	2400
b. ADT Design Year	75	88	88	75	75	75	75	94	94	91	91	94	94	94
c. DHV Design Year	3050	11900	12250	5050	8600	4550	4550	1250	1250	1200	1900	1950	2100	2250
d. D Directional distribution factors	390	1380	1420	590	1000	530	530	180	180	180	280	290	310	330
e. T Percent trucks design year (DHV)	0	60	60	60	60	60	55	55	55	55	55	55	55	55
f. T Percent trucks design year (ADT)	8	10	10	10	10	10	10	12	12	12	12	12	12	12
g. Assigned Corridor ADT design year	12	14	14	14	14	14	14	17	17	17	17	17	17	17
9. Number of through traffic lanes (Design yr trf)														
10. Mileage without frontage roads	4	4	4	4	4	4	4	4	4	4	4	4	4	4
11. Mileage with frontage roads one side only	0.4	0.4	2.7	1.8	2.0	0.8	0.6		2.2		6.2	3.3	0.7	
12. Mileage with frontage roads on both sides	0.3							0.3	1.0	0.1	3.2	1.0	1.8	1.0
13. Typical cross-section reference	0.8										5.5			1.0
14. Right-of-Way Width: Minimum	30	30	30	31	31	31	31	20	20	30	30	40	30	30&40
Prevailing	200	250	200	240	220	210	250	300	300	300	250	300	300	300
15. Median Width: Minimum	280	350	240	400	300	280	350	300	300	300	400	300	300	300
Prevailing	36	72	72	36	36	36	36	46	46	56	10	6	6	6
	36	72	72	200	36	36	36	46	86	86	76	6	68	38

Butte

* Section is comparable to a corresponding section in the 1970 Estimate.

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 15Sheet 4 of 8 Sheets

ITEM	ESTIMATE SECTION													
	G22.5	G22.6	G23.1	G24	G25.0.1	G25.0.2	G26.1	G27	G28.1	G28.2	G28.3	G29	G30	G31.1
	G22.6	G23.1	G24	G25.0.1	G25.0.2	G26.1	G27	G28.1	G28.2	G28.3	G29	G30	G31.1	G31.2
	22	22	23	22	23	20	20	22	23	20	23	23	23	22
1. Section Length, miles (0.1)	4.4	1.5	6.8	5.5	5.4	3.6	5.6	1.8	0.8	0.2	1.2	6.1	2.1	7.7
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	U*	U*	U*	R	R	R
3. Urban Area Identification (name and code)									361#	361#	361#			
4. Location: Existing, new or toll (E, N or T)	E	E	N	E	N	E	N	E	N	N	N	N	N	E
5. Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	50	70	70	50	70	70	70	70	70	70	60	70	70	50
7. Traffic: a. ADT 1970	1169	1169	1332	1332	1377	1938	2435	2435	3495	3495	3495	1869	1606	1606
b. ADT 1975	1650	1650	1850	1850	1950	2700	3400	3400	4900	4900	4900	2600	2200	2200
c. ADT 1990	2200	2200	2500	2500	2600	3650	4600	4600	6600	6600	6600	3550	2950	2950
d. ADT 2000	2550	2550	2900	2900	2950	4200	5250	5250	7550	7550	7550	4050	3300	3300
8. Traffic: a. Design Year (19)	94	94	92	92	89	87	87	75	75	75	75	75	75	75
b. ADT Design Year	2350	2350	2600	2600	2550	3450	4350	3400	4900	4900	4900	2600	2200	2200
c. DHV Design Year	350	350	380	380	370	510	640	500	720	720	720	380	320	320
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	12	12	12	12	12	11	11	11	11	11	11	11	11	11
f. T Percent trucks design year (ADT)	17	17	17	17	17	16	16	16	16	16	16	16	16	16
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	2.6	1.5		0.5			0.5	0.8	0.8	0.2	1.2	1.0		5.4
11. Mileage with frontage roads one side only	1.8		5.7	5.0	3.0	1.6	5.1	1.0				5.1	0.4	2.3
12. Mileage with frontage roads on both sides			1.1		2.4	2.0							1.7	
13. Typical cross-section reference	30&40	50	30	30&40	30	30	30	30	30	30	30	30	30	40
14. Right-of-Way Width: Minimum	300	300	300	375	270	250	250	270	240	230	220	250	200	240
Prevailing	300	500	410	450	310	320	320	300	270	250	250	300	250	290
15. Median Width: Minimum	6	68	68	6	36	46	36	46	46	46	46	46	46	8
Prevailing	38	150	68	68	46	46	46	46	46	46	46	46	46	46

Helena

* Section is comparable to a corresponding section in the 1970 Estimate.

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 15

Sheet 5 of 8 Sheets

ITEM	ESTIMATE SECTION													
	G31.2	G32	H1	H2.0.1	H2.0.2	H3	H4.0.1	H4.0.2	H5	H6	H7.1	H7.2	H8	H9.1
	G32	H1	H2.0.1	H2.0.2	H3	H4.0.1	H4.0.2	H5	H6	H7.1	H7.2	H8	H9.1	H9.2
	22	22	23	23	23	23	20	21	23	23	23	23	23	23
1. Section Length, miles (0.1)	6.1	2.3	8.2	2.7	3.7	3.5	2.6	1.0	3.3	3.2	1.4	2.5	5.7	1.5
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area Identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	E	E	N	N	N	N	E	N	N	N	N	N	N	N
5. Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	50	50	50	50	50	50	50	50	50	50	70	70	70
7. Traffic: a. ADT 1970	1596	1627	1627	1694	1466	1466	1520	1520	1550	1650	1840	1889	1889	2164
b. ADT 1975	2200	2250	2250	2350	2000	2000	2100	2100	2150	2300	2550	2600	2600	3000
c. ADT 1990	2900	3000	3000	3100	2700	2700	2800	2800	2850	3000	3350	3450	3450	4100
d. ADT 2000	3300	3350	3350	3500	3050	3050	3150	3150	3200	3400	3800	3900	3900	4650
8. Traffic: a. Design Year (19)	91	75	75	75	85	85	87	89	89	86	86	93	93	93
b. ADT Design Year	2950	2250	2250	2350	2450	2450	2650	2700	2750	2800	3150	3550	3550	4250
c. DHV Design Year	430	330	330	350	360	360	210	400	400	410	460	520	520	620
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	11	11	11	10	10	10	10	10	10	10	10	10	10	10
f. T Percent trucks design year (ADT)	16	16	16	14	14	14	14	14	14	14	14	14	14	14
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	5.4	0.4	0.9	1.6		1.0							0.5	
11. Mileage with frontage roads one side only	0.7	1.9	7.1	0.6	3.7	2.5	2.6	1.0	3.3	3.2	1.4	2.5	2.0	0.3
12. Mileage with frontage roads on both sides			0.2	0.5									3.2	1.2
13. Typical cross-section reference	20	30	42	42	40	40	40	40	30	40	42	20	20	20
14. Right-of-Way Width: Minimum	290	230	250	200	200	225	225	250	205	250	250	280	280	300
Prevailing	310	500	300	320	310	320	320	380	300	340	320	400	360	360
15. Median Width: Minimum	38	8	8	8	8	8	8	8	8	8	8	10	38	68
Prevailing	68	46	8	8	8	46	8	46	46	8	8	38	38	68

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE _____, Montana

INTERSTATE ROUTE NO. _____ 15

Sheet _____ 6 _____ of _____ 8 _____ Sheets

ITEM	ESTIMATE SECTION													
	H9.2 H10	H10 H11.0.1	H11.0.1 H11.0.2	H11.0.2 H12	H12 H13	H13 H14	H14 H15	H15 H16	H16 H17	H17 H18	H18 H18.1	H18.1 H19	H19 H20.0.1	H20.0.1 H21.1
	23	20	21	23	23	23	23	23	23	23	23	23	23	23
1. Section Length, miles (0.1)	4.6	2.4	5.4	0.3	2.3	4.7	0.8	1.2	1.2	1.0	0.8	1.3	7.0	10.1
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	U*	U*	U*	R	R	R	R
3. Urban Area Identification (name and code)						357#	357#	357#						
4. Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	N	N	N	N
5. Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	50	70	70	60	70	50	60	70	70	70	70	60	50
7. Traffic: a. ADT 1970	2164	2164	2408	2408	2408	2408	6440	6440	4050	3000	4540	4540	4499	1863
b. ADT 1975	3000	3000	3350	3350	3350	3350	9400	9400	5900	4400	6350	6350	6300	2550
c. ADT 1990	4100	4100	4550	4550	4550	4550	13050	13050	8200	6100	8600	8600	8500	3400
d. ADT 2000	4650	4650	5200	5200	5200	5200	15150	15150	9500	7050	9800	9800	9700	3850
8. Traffic: a. Design Year (19)	93	75	89	89	88	88	84	84	84	84	84	75	75	91
b. ADT Design Year	4250	3000	4500	4500	4400	4400	11600	11600	7300	5400	7650	6350	6300	3450
c. DHV Design Year	620	440	660	660	650	650	1350	1350	850	630	890	740	730	510
d. D Directional distribution factors	55	55	55	55	55	55	60	60	60	55	55	55	55	55
e. T Percent trucks design year (DHV)	10	10	10	10	10	10	10	10	7	7	7	7	7	12
f. T Percent trucks design year (ADT)	14	14	14	14	14	14	14	14	10	10	10	10	10	17
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads								1.2						
11. Mileage with frontage roads one side only	2.7	2.4		0.3	2.3	0.5	0.8		0.3		0.8	1.3	6.3	8.6
12. Mileage with frontage roads on both sides	1.9		5.4			4.2			0.9	1.0			0.7	1.5
13. Typical cross-section reference	20	30	30	30	30	30	31	31	31	31	31	30	30	30
14. Right-of-Way Width: Minimum	300	300	300	300	300	250	300	215	280	220	270	270	270	330
Prevailing	320	300	320	340	340	320	360	250	350	280	340	280	300	380
15. Median Width: Minimum	68	76	76	76	76	76	46	46	46	46	46	46	46	46
Prevailing	68	76	76	76	76	76	46	46	46	46	46	46	46	76

Great Falls

* Section is comparable to a corresponding section in the 1970 Estimate.

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 15Sheet 7 of 8 Sheets

ITEM	ESTIMATE SECTION													
	H21.1	H21.2	H22	H23.1	H24	H25.0.1	H25.0.2	I1.0.1	I2	I3	I4	I5	I6.1	I6.2
	H21.2	H22	H23.1	H24	H25.0.1	H25.0.2	I1.0.1	I2	I3	I4	I5	I6.1	I6.2	I7
	23	23	23	23	23	23	23	23	23	23	24	24	24	24
1. Section Length, miles (0.1)	7.8	5.5	7.1	1.0	2.8	7.7	9.0	11.1	1.3	4.1	2.9	3.0	2.6	12.0
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area Identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	E	E	E	E
5. Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	70	70	70	70	70	70	70	70	50	70	60	70	70
7. Traffic: a. ADT 1970	1830	1770	1550	1585	1585	1764	1976	1976	1280	1300	1300	1300	1200	1200
b. ADT 1975	2550	2450	2150	2200	2200	2450	2750	2750	1750	1800	1800	1800	1650	1650
c. ADT 1990	3350	3250	2850	2900	2900	3250	3600	3600	2350	2400	2400	2400	2200	2200
d. ADT 2000	3800	3650	3200	3300	3300	3650	4100	4100	2650	2700	2700	2700	2500	2500
8. Traffic: a. Design Year (19)	91	92	94	94	94	94	91	91	91	91	91	75	93	93
b. ADT Design Year	3400	3300	3000	3050	3050	3400	3650	3650	2350	2400	2400	1800	2250	2250
c. DHV Design Year	500	490	440	450	450	500	540	540	350	350	350	260	330	330
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	12	12	13	13	13	13	11	11	13	13	13	13	12	12
f. T Percent trucks design year (ADT)	17	17	19	19	19	19	16	16	18	18	18	18	17	17
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads		0.3	0.6									1.3	1.0	0.5
11. Mileage with frontage roads one side only	2.2	1.2	2.6	1.0	1.4	6.0	3.0			3.6	1.0	0.9		3.5
12. Mileage with frontage roads on both sides	5.6	4.0	3.9		1.4	1.7	6.0	11.1	1.3	0.5	1.9	0.8	1.6	8.0
13. Typical cross-section reference	30	30	30	20	20	20	30	30	30	30	30	30	20	20
14. Right-of-Way Width: Minimum	330	350	320	320	380	300	250	300	410	410	410	300	250	250
Prevailing	460	425	460	400	440	340	300	300	450	480	460	320	250	250
15. Median Width: Minimum	76	68	68	68	68	68	76	76	76	36	76	56	38	38
Prevailing	76	68	68	68	68	68	76	76	76	76	76	56	38	38

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 15Sheet 8 of 8 Sheets

ITEM	ESTIMATE SECTION										SubTotal			
	I7	I8.1	I8.2	I9	I10							Rural	Urban	Total for Rte.
	I8.1	I8.2	I9	I10	I11									
	22	22	22	22	22									
1. Section Length, miles (0.1)	9.2	4.2	3.3	0.9	0.3							386.0	9.0	395.0
2. Class: Rural or Urban (R or U)	R	R	R	R	R									
3. Urban Area Identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	E	E	E	E	E									
5. Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1									
6. Design speed (V)	70	70	70	70	70									
7. Traffic: a. ADT 1970	990	990	740	692	915									
b. ADT 1975	1350	1350	1050	950	1250									
c. ADT 1990	1800	1800	1350	1250	1650									
d. ADT 2000	2050	2050	1550	1450	1900									
8. Traffic: a. Design Year (19)	89	94	94	75	75									
b. ADT Design Year	1750	1900	1450	950	1250									
c. DHV Design Year	260	280	210	140	180									
d. D Directional distribution factors	55	55	55	55	55									
e. T Percent trucks design year (DHV)	13	13	13	13	13									
f. T Percent trucks design year (ADT)	19	19	19	19	19									
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4									
10. Mileage without frontage roads		3.4	3.3	0.9								86.9	6.8	93.7
11. Mileage with frontage roads one side only	3.9	0.8			0.3							109.3	.3	190.6
12. Mileage with frontage roads on both sides	5.3											108.8	1.9	110.7
13. Typical cross-section reference	30	20	20	30	30									
14. Right-of-Way Width: Minimum	325	300	270	240	270									
Prevailing	410	300	300	260	280									
15. Median Width: Minimum	46	38	38	50	50									
Prevailing	46	38	38	50	50									

Signature: *Leus H. Chubb* State Highway Engineer July 16, 1971
 State: _____ Name _____ Title _____ Date _____

H. N. Stewart Division Engineer July 16, 1971
 FHWA: _____ Name _____ Title _____ Date _____

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 15
Sheet 1 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	G1	G2	G2.1	G3	G4	G5	G6	G7	G8.1	G8.2	G8.2.1	G9	G10	G10.1
	G2	G2.1	G3	G4	G5	G6	G7	G8.1	G8.2	G8.2.1	G9	G10	G10.1	G11.1
Section Length, miles (0.1)	23	22	22	22	23	21	21	23	23	22	22	23	23	23
Class: Rural or Urban (R or U)	1.6	6.9	3.5	5.0	5.6	1.9	13.3	7.8	5.3	1.4	2.4	3.0	2.3	4.8
Urban Area identification (name and code)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll (E, N or T)	N	E	E	E	N	N	N	N	N	E	E	N	N	N
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	2	2	2	2	2	0	0	2	2	4	2	2	4	4
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement December 31, 1970	2a(2)f	2a(2)f	2a(2)f	2a(2)f	2a(2)f	3a(2)	3a(2)	2a(2)f	2a(2)f	3a(1)s	2a(2)f	2a(2)f	4a(1)	4a(1)
WORK CLASSIFICATION														
1. Preliminary Engineering	4	15	11	11				25	46	5	13	7		
2. Right-of-Way														
a. Right-of-Way and acquisition														
b. Relocation payments														
3. Clear & grub; demolition														
4. Utility adjustments	8	62	15	15				4	19	3	8	4		
5. Grade & drain; minor structures	77	880	115	805				727	621	248	213	227	1,467	870
6. Subbase; base; surfacing; shoulders	104	463	234	328				522	471	162	156	238	719	244
7. R.R. grade separations	307			478									206	
8. Highway grade separations without ramps								64	61				188	318
9. Interchanges	150	67		150				150		181		153	889	573
10. Other bridges; tunnels								181	525	74	275		248	263
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices	27	65	29	61				69	65	36	44	17	199	26
b. Motorist service signs														
c. Safety improvements on completed sections														
13. Roadside improvement														
a. Erosion Control	6	27	13	19				30	20	7	9	12	29	9
b. Landscaping	36	36		36				36		36		36	72	36
c. Rest Areas											103			
d. Scenic overlooks														
14. All other items		44	22	126					44	558				
15. Subtotal, lines 3 to 14	715	1,644	428	2,018				1,783	1,826	1,305	808	687	4,017	2,339
16. Construction Engineering & Contingencies, 10% of Line 15	71	164	43	202				178	183	130	81	69	402	234
17. Total Cost of Construction, Lines 15 & 16	786	1,808	471	2,220				1,961	2,009	1,435	889	756	4,419	2,573
18. Total Estimate Cost, line 1, 2 & 17	790	1,823	482	2,231				1,986	2,055	1,440	902	763	4,419	2,573

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 15
Sheet 2 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	G11.1	G11.2	G12	G12.1	G13	G14	G15	G16	G16.1	G17.0.1	G17.0.2	G18.1	G18.2	G18.3
	G11.2	G12	G12.1	G13	G14	G15	G16	G16.1	G17.0.1	G17.0.2	G18.1	G18.2	G18.3	G19
	23	23	23	23	23	23	23	23	23	23	23	23	23	22
Section Length, miles (0.1)	10.4	2.8	7.3	2.4	5.0	2.9	5.2	1.7	7.3	2.9	1.5	1.6	1.8	1.0
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Urban Area identification (name and code)														
Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	N	N	N	E
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	4	4	4	4	4	4	4	4	4	4	4	4	2	0
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement December 31, 1970	3a(3)	4a(1)	4a(1)	4a(1)	4a(1)	4a(1)	4a(1)	4a(1)	4a(1)	4a(1)	4a(1)	4a(1)	2a(2)f	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering		30	70											1
2. Right-of-Way														
a. Right-of-Way and acquisition														
b. Relocation payments														
3. Clear & grub; demolition														
4. Utility adjustments														
5. Grade & drain; minor structures		398	2,071	1,372	1,304	402	2,002	174	2,343	698	243	169	144	
6. Subbase; base; surfacing; shoulders	1,368	369	1,018	312	650	377	676	223	961	457	195	269	132	
7. R.R. grade separations				898										
8. Highway grade separations without ramps			133		130	116	130		141					
9. Interchanges			395			341		369		379		341		
10. Other bridges; tunnels			926											
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices		40	143	60	64	27	101	24	120	38	28	30	16	
b. Motorist service signs														
c. Safety improvements on completed sections														
13. Roadside improvement														
a. Erosion Control		15	39	13	27	15	28	9	39	15	8	9	7	
b. Landscaping			36			36		36		36		36		
c. Rest Areas									248					
d. Scenic overlooks														
14. All other items					65	36		36	73	36				
15. Subtotal, lines 3 to 14	1,368	822	4,761	2,655	2,240	1,350	2,937	871	3,925	1,659	474	854	299	18
16. Construction Engineering & Contingencies, 10% of Line 15	137	82	476	265	224	135	294	87	392	166	47	85	30	2
17. Total Cost of Construction, Lines 15 & 16	1,505	904	5,237	2,920	2,464	1,485	3,231	958	4,317	1,825	521	939	329	20
18. Total Estimate Cost, line 1, 2 & 17	1,505	934	5,307	2,920	2,464	1,485	3,231	958	4,317	1,825	521	939	329	21

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 15
Sheet 3 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	G19	G20.1	G20.1.1	G20.2	G20.2.1	G20.3	G20.4	G21	G21.1	G21.2	G22.1	G22.2	G22.3	G22.4
	G20.1	G20.1.1	G20.2	G20.2.1	G20.3	G20.4	G21	G21.1	G21.2	G22.1	G22.2	G22.3	G22.4	G22.5
	22	22	22	23	23	23	23	23	23	23	23	22	22	22
Section Length, miles (0.1)	1.5	0.4	2.7	1.8	2.0	0.8	0.6	0.3	3.2	0.1	8.7	7.2	5.1	2.7
Class: Rural or Urban (R or U)	R	R	R	R	U	U	U	R	R	R	R	R	R	R
Urban Area identification (name and code)					359#	359#	359#							
Location: Existing, new or toll (E, N or T)	E	E	E	N	N	N	N	N	N	N	N	E	E	E
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	0	0	0	0	0	0	2	2	4	4	4	4	4
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement December 31, 1970	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	2a(2)f	2a(2)f	4a(1)	4a(1)	4a(1)	4a(3)	4a(3)
WORK CLASSIFICATION														
1. Preliminary Engineering			1	4	4	1	2						77	
2. Right-of-Way														
a. Right-of-Way and acquisition												67	124	93
b. Relocation payments														37
3. Clear & grub; demolition												95	53	26
4. Utility adjustments												267	331	248
5. Grade & drain; minor structures								15	1,088	59	1,742	7,257	1,359	1,280
6. Subbase; base; surfacing; shoulders								40	205	13	1,475	951	615	369
7. R.R. grade separations								134					443	3,595
8. Highway grade separations without ramps											139			
9. Interchanges							22				720		442	360
10. Other bridges; tunnels											73			36
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices								8	37	3	113	349	54	180
b. Motorist service signs														
c. Safety improvements on completed sections			7	62	72	12	36							
13. Roadside improvement														
a. Erosion Control								2	12	1	46	38	24	14
b. Landscaping											36		36	36
c. Rest Areas												248		
d. Scenic overlooks									31					
14. All other items									44				47	
15. Subtotal, lines 3 to 14			7	62	72	12	58	199	1,417	76	4,344	9,205	3,404	6,144
16. Construction Engineering & Contingencies, 10% of Line 15			1	6	7	1	6	20	142	8	434	921	340	614
17. Total Cost of Construction, Lines 15 & 16			8	68	79	13	64	219	1,559	84	4,778	10,126	3,744	6,758
18. Total Estimate Cost, line 1, 2 & 17			9	72	83	14	66	219	1,559	84	4,778	10,193	3,945	6,888

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 15
Sheet 4 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	G22.5	G22.6	G23.1	G24	G25.0.1	G25.0.2	G26.1	G27	G28.1	G28.2	G28.3	G29	G30	G31.1
	G22.6	G23.1	G24	G25.0.1	G25.0.2	G26.1	G27	G28.1	G28.2	G28.3	G29	G30	G31.1	G31.2
	22	22	23	22	23	20	20	22	23	20	23	23	23	22
Section Length, miles (0.1)	4.4	1.5	6.8	5.5	5.4	3.6	5.6	1.8	0.8	0.2	1.2	6.1	2.1	7.7
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	U	U	U	R	R	R
Urban Area identification (name and code)									361#	361#	361#			
Location: Existing, new or toll (E, N or T)	E	E	N	E	N	E	N	E	N	N	N	N	N	E
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	4	4	4	4	0	0	0	0	0	0	0	0	0	0
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement December 31, 1970	4a(1)	4a(1)	4a(1)	4a(1)	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering	77		12	44		1		1	1	1		1	1	13
2. Right-of-Way														
a. Right-of-Way and acquisition	54	18												
b. Relocation payments		24												
3. Clear & grub; demolition	58	20		101										
4. Utility adjustments	28	9				7								
5. Grade & drain; minor structures	3,301	716	2,014	5,180										
6. Subbase; base; surfacing; shoulders	577	195	903	914										
7. R.R. grade separations	293													
8. Highway grade separations without ramps			155	76										
9. Interchanges	335		519											
10. Other bridges; tunnels	1,550	149	109											
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices	220	75	88	284										
b. Motorist service signs														
c. Safety improvements on completed sections						3		22	19	22		15	18	232
13. Roadside improvement														
a. Erosion Control	23	8	36	29										
b. Landscaping	36		36											
c. Rest Areas														
d. Scenic overlooks														
14. All other items				75									103	
15. Subtotal, lines 3 to 14	6,421	1,172	3,860	6,659		10		22	19	22		15	121	232
16. Construction Engineering & Contingencies, 10% of Line 15	642	117	386	666		1		2	2	2		1	12	23
17. Total Cost of Construction, Lines 15 & 16	7,063	1,289	4,246	7,325		11		24	21	24		16	133	255
18. Total Estimate Cost, line 1, 2 & 17	7,194	1,331	4,258	7,369		12		25	22	25		17	134	268

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 15
Sheet 5 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	G31.2 G32	G32 H1	H1 H2.0.1	H2.0.1 H2.0.2	H2.0.2 H3	H3 H4.0.1	H4.0.1 H4.0.2	H4.0.2 H5	H5 H6	H6 H7.1	H7.1 H7.2	H7.2 H8	H8 H9.1	H9.1 H9.2
	22	22	23	23	23	23	20	21	23	23	23	23	23	23
Section Length, miles (0.1)	6.1	2.3	8.2	2.7	3.7	3.5	2.6	1.0	3.3	3.2	1.4	2.5	5.7	1.5
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Urban Area identification (name and code)														
Location: Existing, new or toll (E, N or T)	E	E	N	N	N	N	E	N	N	N	N	N	N	N
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	2	0	0	0	0	0	0	0	0	0	0	2	2	2
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement December 31, 1970	2a(2)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	3a(2)	3a(2)	1a(1)f	1a(1)f	2a(2)f	2a(2)f	2a(2)f
WORK CLASSIFICATION														
1. Preliminary Engineering	12	3	20	7		1				8			21	
2. Right-of-Way														
a. Right-of-Way and acquisition												10		7
b. Relocation payments														1
3. Clear & grub; demolition														
4. Utility adjustments												10	18	8
5. Grade & drain; minor structures	384											762	501	108
6. Subbase; base; surfacing; shoulders	408											190	507	163
7. R.R. grade separations														
8. Highway grade separations without ramps													41	
9. Interchanges											315	370	161	153
10. Other bridges; tunnels														
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices	47											46	52	9
b. Motorist service signs														
c. Safety improvements on completed sections		61	352	129		3				131	43			
13. Roadside improvement														
a. Erosion Control	24											10	22	6
b. Landscaping											36	36	36	36
c. Rest Areas												146		
d. Scenic overlooks														
14. All other items	22													
15. Subtotal, lines 3 to 14	885	61	352	129		3				131	394	1,570	1,338	483
16. Construction Engineering & Contingencies, 10% of Line 15	89	6	35	13		1				13	39	157	134	48
17. Total Cost of Construction, Lines 15 & 16	974	67	387	142		4				144	433	1,727	1,472	531
18. Total Estimate Cost, line 1, 2 & 17	986	70	407	149		5				152	433	1,737	1,493	539

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 15
Sheet 6 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	H9.2 H10	H10 H11.0.1	H11.0.1 H11.0.2	H11.0.2 H12	H12 H13	H13 H14	H14 H15	H15 H16	H16 H17	H17 H18	H18 H18.1	H18.1 H19	H19 H20.0.1	H20.0.1 H21.1
	23	20	21	23	23	23	23	23	23	23	23	23	23	23
Section Length, miles (0.1)	4.6	2.4	5.4	0.3	2.3	4.7	0.8	1.2	1.2	1.0	0.8	1.3	7.0	10.1
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	U	U	U	R	R	R	R
Urban Area identification (name and code)								357#	357#	357#				
Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	2	0	0	0	0	0	0	0	0	0	0	0	0	4
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	4	4	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement December 31, 1970	2a(2)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	4a(1)
WORK CLASSIFICATION														
1. Preliminary Engineering		1					1	2	3	1	1	1	6	
2. Right-of-Way														
a. Right-of-Way and acquisition	14													40
b. Relocation payments														
3. Clear & grub; demolition														
4. Utility adjustments	10													
5. Grade & drain; minor structures	313													2,645
6. Subbase; base; surfacing; shoulders	454													1,872
7. R.R. grade separations														
8. Highway grade separations without ramps	125													301
9. Interchanges														460
10. Other bridges; tunnels														
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices	34													116
b. Motorist service signs														
c. Safety improvements on completed sections		4					13	28	50	2	16	19	101	
13. Roadside improvement														
a. Erosion Control	18													54
b. Landscaping														36
c. Rest Areas														248
d. Scenic overlooks														
14. All other items														
15. Subtotal, lines 3 to 14	954	4					13	28	50	2	16	19	101	5,732
16. Construction Engineering & Contingencies, 10% of Line 15	95	1					1	3	5	0	2	2	10	573
17. Total Cost of Construction, Lines 15 & 16	1,049	5					14	31	55	2	18	21	111	6,305
18. Total Estimate Cost, line 1, 2 & 17	1,063	6					15	33	58	3	19	22	117	6,345

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 15
Sheet 7 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	H21.1.0 H21.2	H21.2 H22	H22 H23.1	H23.1 H24	H24 H25.0.1	H25.0.1 H25.0.2	H25.0.2 I1.0.1	I1.0.1 I2	I2 I3	I3 I4	I4 I5	I5 I6.1	I6.1 I6.2	I6.2 I7
	23	23	23	23	23	23	23	23	23	23	22	22	22	22
Section Length, miles (0.1)	7.8	5.5	7.1	1.0	2.8	7.7	9.0	11.1	1.3	4.1	2.9	3.0	2.6	12.0
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Urban Area identification (name and code)														
Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	E	E	E	E
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	4	4	4	2	2	2	4	4	4	4	4		2	2
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement December 31, 1970.	4a(1)	2b(2)N	2b(2)N	2a(2)f	2a(2)f	2a(2)f	3a(3)	3a(3)	4a(1)	4a(1)	4a(1)	1a(1)f	2a(2)f	2a(2)f
WORK CLASSIFICATION														
1. Preliminary Engineering	26	75			27	63						3		
2. Right-of-Way														
a. Right-of-Way and acquisition		26	91										10	58
b. Relocation payments														8
3. Clear & grub; demolition														
4. Utility adjustments		36	15										2	6
5. Grade & drain; minor structures	1,101	712	877	50	141	425			204	1,054	393		162	635
6. Subbase; base; surfacing; shoulders	1,377	1,068	1,281	82	253	659	1,674	1,867	236	766	534		213	1,054
7. R.R. grade separations														
8. Highway grade separations without ramps	76		152			42			139		141			
9. Interchanges	460	341	410			134	48	335		384				533
10. Other bridges; tunnels			396							838				
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices	63	45	74	4	11	41	48	23	15	81	30		20	116
b. Motorist service signs														
c. Safety improvements on completed sections												57		
13. Roadside improvement														
a. Erosion Control	41	29	38	4	11	30	49	59	5	22	15		10	46
b. Landscaping	36	36	36			36		36		36				108
c. Rest Areas			248							248				
d. Scenic overlooks														
14. All other items		58									103			632
15. Subtotal, lines 3 to 14	3,154	2,325	3,527	140	416	1,367	1,819	2,320	599	3,429	1,216	57	407	3,130
16. Construction Engineering & Contingencies, 10% of Line 15	315	233	353	14	42	137	182	232	60	343	122	6	41	313
17. Total Cost of Construction, Lines 15 & 16	3,469	2,558	3,880	154	458	1,504	2,001	2,552	659	3,772	1,338	63	448	3,443
18. Total Estimate Cost, line 1, 2 & 17	3,495	2,659	3,971	154	485	1,567	2,001	2,552	659	3,772	1,338	66	458	3,509

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 15
Sheet 8 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE										SUBTOTAL		
	I7 I8.1	I8.1 I8.2	I8.2 I9	I9 I10	I10 I11						RURAL	URBAN	TOTAL FOR RTE.
	22	22	22	22	22								
Section Length, miles (O.1)	9.2	4.2	3.3	0.9	0.3						386.0	9.0	395.0
Class: Rural or Urban (R or U)	R	R	R	R	R								
Urban Area identification (name and code)													
Location: Existing, new or toll (E, N or T)	E	E	E	E	E								
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1								
No. Lanes to be constructed this estimate	0	2	2										
No. Lanes to be improved this estimate													
No. through traffic lanes	4	4	4	4	4								
Status of improvement December 31, 1970	3a(2)	2a(2)f	2a(2)f	1a(1)f	1a(1)f								
WORK CLASSIFICATION													
1. Preliminary Engineering				1	1						748	15	763
2. Right-of-Way													
a. Right-of-Way and acquisition		45	34								691	0	691
b. Relocation payments											70	0	70
3. Clear & grub; demolition											353	0	353
4. Utility adjustments		14	15								1,162	-	1,162
5. Grade & drain; minor structures		413	466								52,927	-	52,927
6. Subbase; base; surfacing; shoulders		344	271								32,178		32,178
7. R.R. grade separations		202									6,556		6,556
8. Highway grade separations without ramps											2,668		2,668
9. Interchanges		164	358								11,162	-	11,162
10. Other bridges; tunnels											5,643	-	5,643
11. Walls											-	-	-
12. Traffic control and safety improvements													
a. Guardrail; fencing; lighting; traffic control devices		24	19								3,658	-	3,658
b. Motorist service signs													
c. Safety improvements on completed sections				1	20						1,327	241	1,568
13. Roadside improvement													
a. Erosion Control		16	13								1,160	-	1,160
b. Landscaping		36	36								1,260		1,260
c. Rest Areas											1,489		1,489
d. Scenic overlooks											31	-	31
14. All other items											2,124		2,124
15. Subtotal, lines 3 to 14		1,213	1,178	1	20						123,698	241	123,939
16. Construction Engineering & Contingencies, 10% of Line 15		121	118	0	2						12,370	24	12,394
17. Total Cost of Construction, Lines 15 & 16		1,334	1,296	1	22						136,068	265	136,333
18. Total Estimate Cost, line 1, 2 & 17		1,379	1,330	2	23						137,577	280	137,850

Signature: Louis H. Stewart State Highway Engineer July 16, 1971
 State: Montana Name: Louis H. Stewart Title: State Highway Engineer Date: July 16, 1971

FHWA: H. H. Stewart Division Engineer July 16, 1971
 Name: H. H. Stewart Title: Division Engineer Date: July 16, 1971

INTERSTATE ROUTE NO. 15
Sheet 1 of 8 Sheets

INTERSTATE ROUTE NO. 15
Sheet 1 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE																									
	G1 G2	G2 G2.1	G2.1 G3	G3 G4	G4 G5	G5 G6	G6 G7	G7 G8.1	G8.1 G8.2	G8.2 G8.2.1	G8.2.1 G9	G9 G10	G10 G10.1	G10.1 G11.1												
	23	22	22	22	23	21	21	23	23	22	22	23	23	23												
Section length, miles (0.1)	1.6	6.9	3.5	5.0	5.6	1.9	13.3	7.8	5.3	1.4	2.4	3.0	2.3	4.8												
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R												
Urban Area identification (name and code)																										
Location: Existing, new or toll (E, N or T)	N	E	E	E	N	N	N	N	N	E	E	N	N	N												
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1												
No. Lanes to be constructed this estimate	2	2	2	2	2	0	0	2	2	4	2	2	4	4												
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4												
Status of improvement, December 31, 1970	2a(2)f	2a(2)f	2a(2)f	2a(2)f	2a(2)f	3a(2)	3a(2)	2a(2)f	2a(2)f	3a(1)s	2a(2)f	2a(2)f	4a(1)	4a(1)												
	ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS AND STRUCTURES																									
Item No. From Table C	WORK CLASSIFICATION																									
	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str
7. R.R. grade separation - Cost																										
a. No. to be constructed																								1	1	
Cost																								206		
b. No. in service or authorized - to be improved	1	2				1	2																			
Cost	307					478																				
c. No. in service - cost = zero																										
d. No. in authorized status - cost = zero																										
8. Highway grade separations without ramps - Cost																										
a. No. to be constructed														1	1									3	3	
Cost														61										188	318	
b. No. in service or authorized - to be improved													1	2												
Cost													64													
c. No. in service - cost = zero																										
d. No. in authorized status - cost = zero							1	2																		
9. Interchanges - Cost																										
a. No. to be constructed																1	1							2	3	
Cost																181								889	573	
b. No. in service or authorized - to be improved	1	2	1	2		1	2						1	1						1	2					
Cost	150		67			150							150							153						
c. No. in service - cost = zero																										
d. No. in authorized status - cost = zero								1	2	2	4															
10. Other bridges and tunnels - Cost																										
a. No. to be constructed																								2	3	
Cost																								248	263	
b. No. in service or authorized - to be improved													2	4	3	5	1	1	3	5						
Cost													181		525	74		275								
c. No. in service - cost = zero																										
d. No. in authorized status - cost = zero								1	3																	
	ESTIMATED COSTS (\$1,000) AND NUMBER OF REST AREAS																									
13c. Rest Areas - Cost																										
a. No. to be constructed																								1		
Cost																								103		
b. No. in service or authorized - to be improved																										
Cost																										
c. No. in service - cost = zero																										
d. No. in authorized status - cost = zero																								1		

INTERSTATE ROUTE NO. 15
Sheet 2 of 8 Sheets

INTERSTATE ROUTE NO. 15
Sheet 2 of 8 Sheets

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INTERSTATE ROUTE NO. 15
Sheet 3 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE																											
	G19 G20.1	G20.1 G20.1.1	G20.1.1 G20.2	G20.2 G20.2.1	G20.2.1 G20.3	G20.3 G20.4	G20.4 G21	G21 G21.1	G21.1 G21.2	G21.2 G22.1	G22.1 G22.2	G22.2 G22.3	G22.3 G22.4	G22.4 G22.5														
	22	22	22	23	23	23	23	23	23	23	23	22	22	22														
Section length, miles (O.1)	1.5	0.4	2.7	1.8	2.0	0.8	0.6	0.3	3.2	0.1	8.7	7.2	5.1	2.7														
Class: Rural or Urban (R or U)	R	R	R	R	U	U	U	R	R	R	R	R	R	R														
Urban Area identification (name and code)					359#	359#	359#																					
Location: Existing, new or toll (E, N or T)	E	E	E	N	N	N	N	N	N	N	N	E	E	E														
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
No. Lanes to be constructed this estimate	0	0	0	0	0	0	0	2	2	4	4	4	4	4														
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4														
Status of improvement, December 31, 1970	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	2a(2)f	2a(2)f	4a(1)	4a(1)	4a(1)	4a(3)	4a(3)														
	ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS AND STRUCTURES																											
Item No. From Table C	WORK CLASSIFICATION				Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str
7. R.R. grade separation - Cost																												
a. No. to be constructed																											1	2
Cost																											443	3595
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero				1	2			1	2	3	6																	
d. No. in authorized status - cost = zero																												
8. Highway grade separations without ramps - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero																												
c. No. in authorized status - cost = zero																												
9. Interchanges - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero				1	1			1	2	1	1	2	4															
d. No. in authorized status - cost = zero																												

**TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND REST AREAS
BY ESTIMATE SECTIONS WITH ROUTE TOTALS**

STATE Montana

INTERSTATE ROUTE NO. 15
Sheet 4 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE																											
	G22.5 G22.6	G22.6 G23.1	G23.1 G24	G24 G25.0.1	G25.0.1 G25.0.2	G25.0.2 G26.1	G26.1 G27	G27 G28.1	G28.1 G28.2	G28.2 G28.3	G28.3 G29	G29 G30	G30 G31.1	G31.1 G31.2														
	22	22	23	22	23	20	20	22	23	20	23	23	23	22														
Section length, miles (0.1)	4.4	1.5	6.8	5.5	5.4	3.6	5.6	1.8	0.8	0.2	1.2	6.1	2.1	7.7														
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	U	U	U	R	R	R														
Urban Area identification (name and code)									361#	361#	361#																	
Location: Existing, new or toll (E, N or T)	E	E	N	E	N	E	N	E	N	N	N	N	N	E														
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
No. Lanes to be constructed this estimate	4	4	4	4	0	0	0	0	0	0	0	0	0	0														
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4														
Status of improvement, December 31, 1970	4a(1)	4a(1)	4a(1)	4a(1)	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f														
ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS AND STRUCTURES																												
Item No. From Table C	Unit		Str		Unit		Str		Unit		Str		Unit		Str		Unit		Str		Unit		Str		Unit		Str	
7. R.R. grade separation - Cost																												
a. No. to be constructed	1	2																										
Cost	293																											
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero																												
d. No. in authorized status - cost = zero																												
8. Highway grade separations without ramps - Cost																												
a. No. to be constructed					2	4	1	2																				
Cost					155	76																						
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero																												
d. No. in authorized status - cost = zero																												
9. Interchanges - Cost																												
a. No. to be constructed	1	2			1	1																						
Cost	335			519																								
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero																												
d. No. in authorized status - cost = zero																												
10. Other bridges and tunnels - Cost																												
a. No. to be constructed	5	10	1	1	1	1																						
Cost	1,550	149	109																									
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero																												
d. No. in authorized status - cost = zero																												
ESTIMATED COSTS (\$1,000) AND NUMBER OF REST AREAS																												
13c. Rest Areas - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero																												
d. No. in authorized status - cost = zero																												

INTERSTATE ROUTE NO. 15
Sheet 5 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE																											
	G31.2	G32	H1	H2.0.1	H2.0.2	H3	H4.0.1	H4.0.2	H5	H6	H7.1	H7.2	H8	H9.1														
	G32	H1	H2.0.1	H2.0.2	H3	H4.0.1	H4.0.2	H5	H6	H7.1	H7.2	H8	H9.1	H9.2														
	22	22	23	23	23	23	20	21	23	23	23	23	23	23														
Section length, miles (0.1)	6.1	2.3	8.2	2.7	3.7	3.5	2.6	1.0	3.3	3.2	1.4	2.5	5.7	1.5														
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R														
Urban Area identification (name and code)																												
Location: Existing, new or toll (E, N or T)	E	E	N	N	N	N	E	N	N	N	N	N	N	N														
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
No. Lanes to be constructed this estimate	2	0	0	0	0	0	0	0	0	0	0	2	2	2														
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4														
Status of improvement, December 31, 1970	2a(2)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	3a(2)	3a(2)	1a(1)f	1a(1)f	2a(2)f	2a(2)f	2a(2)f														
	ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS AND STRUCTURES																											
Item No. From Table C	WORK CLASSIFICATION																											
	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str
7. R.R. grade separation - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero					1	2					1	2																
d. No. in authorized status - cost = zero																												
8. Highway grade separations without ramps - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero					1	2																						
d. No. in authorized status - cost = zero																												
9. Interchanges - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved																												

INTERSTATE ROUTE NO. 15
Sheet 6 of 8 Sheets

INTERSTATE ROUTE NO. 15
Sheet 6 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE																									
	H9.2 H10	H10 H11.0.1	H11.0.1 H11.0.2	H11.0.2 H12	H12 H13	H13 H14	H14 H15	H15 H16	H16 H17	H17 H18	H18 H18.1	H18.1 H19	H19 H20.0.1	H20.0.1 H21.1												
	23	20	21	23	23	23	23	23	23	23	23	23	23	23												
Section length, miles (0.1)	4.6	2.4	5.4	0.3	2.3	4.7	0.8	1.2	1.2	1.0	0.8	1.3	7.0	10.1												
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	U	U	U	R	R	R	R												
Urban Area identification (name and code)								357#	357#	357#																
Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	N	N	N	N												
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1												
No. Lanes to be constructed this estimate	2	0	0	0	0	0	0	0	0	0	0	0	0	4												
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	4	4	0												
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4												
Status of improvement, December 31, 1970	2a(2)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	4a(1)												
	ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS AND STRUCTURES																									
Item No. From Table C	WORK CLASSIFICATION																									
	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str
7. R.R. grade separation - Cost																										
a. No. to be constructed																										
Cost																										
b. No. in service or authorized - to be improved																										
Cost																										
c. No. in service - cost = zero																										
d. No. in authorized status - cost = zero																										
8. Highway grade separations without ramps - Cost																										
a. No. to be constructed	1	1																						2	4	
Cost	125																							301		
b. No. in service or authorized - to be improved																										
Cost																										
c. No. in service - cost = zero				1	1				1	2				2	3	1	1			1	2	1	2			
d. No. in authorized status - cost = zero																										
9. Interchanges - Cost																										
a. No. to be constructed																								1	1	
Cost																								460		
b. No. in service or authorized - to be improved																										
Cost																										
c. No. in service - cost = zero				1	2					1	1	1	1	1	1			1	2			2	3			
d. No. in authorized status - cost = zero																										
10. Other bridges and tunnels - Cost																										
a. No. to be constructed																										
Cost																										
b. No. in service or authorized - to be improved																										
Cost																										
c. No. in service - cost = zero			2	2											1	2										
d. No. in authorized status - cost = zero																										
	ESTIMATED COSTS (\$1,000) AND NUMBER OF REST AREAS																									
13c. Rest Areas - Cost																										
a. No. to be constructed																									2	
Cost																									248	
b. No. in service or authorized - to be improved																										
Cost																										
c. No. in service - cost = zero																										
d. No. in authorized status - cost = zero																										

INTERSTATE ROUTE NO. 15
Sheet 7 of 8 Sheets

INTERSTATE ROUTE NO. 15
Sheet 7 of 8 Sheets

[illegible]

**TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND REST AREAS
BY ESTIMATE SECTIONS WITH ROUTE TOTALS**

STATE Montana

INTERSTATE ROUTE NO. 15
Sheet 8 of 8 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE																				SUBTOTAL					
	I7 I8.1	I8.1 I8.2	I8.2 I9	I9 I10	I10 I11																	RURAL	URBAN	TOTAL FOR RTE.		
	22	22	22	22	22																					
Section length, miles (O.1)	9.2	4.2	3.3	0.9	0.3																386.0	9.0	395.0			
Class: Rural or Urban (R or U)	R	R	R	R	R																					
Urban Area identification (name and code)																										
Location: Existing, new or toll (E, N or T)	E	E	E	E	E																					
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1																					
No. Lanes to be constructed this estimate	0	2	2																							
No. Lanes to be improved this estimate																										
No. through traffic lanes	4	4	4	4	4																					
Status of improvement, December 31, 1970	3a(2)	2a(2)f	2a(2)f	1a(1)f	1a(1)f																					
ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS AND STRUCTURES																										
Item No. From Table C	WORK CLASSIFICATION																									
	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str
7. R.R. grade separation - Cost																										
a. No. to be constructed																										
Cost																										
b. No. in service or authorized - to be improved			1	2																						
Cost				202																						
c. No. in service - cost = zero																										
d. No. in authorized status - cost = zero																										
8. Highway grade separations without ramps - Cost																										
a. No. to be constructed																										
Cost																										
b. No. in service or authorized - to be improved																										
Cost																										
c. No. in service - cost = zero																										
d. No. in authorized status - cost = zero	2	2																								
9. Interchanges - Cost																										
a. No. to be constructed					1	1																				
Cost						358																				
b. No. in service or authorized - to be improved			1	2																						
Cost				164																						
c. No. in service - cost = zero																										
d. No. in authorized status - cost = zero	1	1								1	2															
10. Other bridges and tunnels - Cost																										
a. No. to be constructed																										
Cost																										
b. No. in service or authorized - to be improved																										
Cost																										
c. No. in service - cost = zero																										
d. No. in authorized status - cost = zero																										
ESTIMATED COSTS (\$1,000) AND NUMBER OF REST AREAS																										
13c. Rest Areas - Cost																										
a. No. to be constructed																										
Cost																										
b. No. in service or authorized - to be improved																										
Cost																										
c. No. in service - cost = zero																										
d. No. in authorized status - cost = zero																										

Signature: Louis M. Chittenden State Highway Engineer July 16, 1971
Name Title Date

Signature: H. M. Stewart Division Engineer July 16, 1971
FHWA: Name Title Date

I D A H O

TO IDAHO FALLS, IDAHO

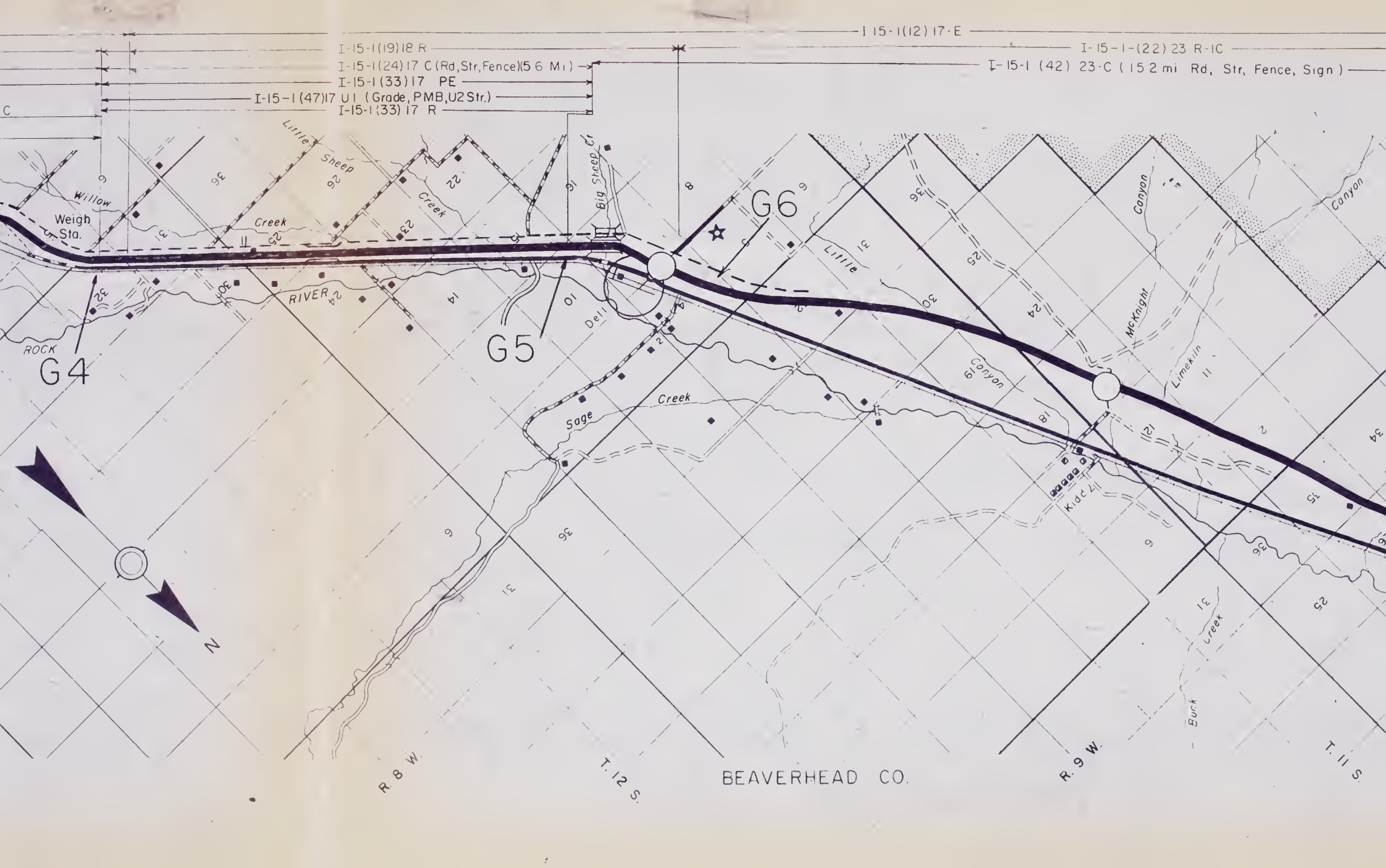


I-IG 15-1(2) 0-E-R
I-IG 15-1(9) 0-C (170mi PMO)
I-15-1(8) 0-C (Striping)
I-15-1(7) 0-C (Signing)
I-ING 15-1(1) 0-C (12.1mi-Rd-Str-BST)

I-ING 15-1(3) 12-C
(50mi-Rd-Str-BST)

I-IG-15 1(34) 0 PE

I-IG-15 1(35) 9 PE



I-15-1(19)18 R
I-15-1(24)17 C (Rd, Str, Fence) (5.6 Mi)
I-15-1(33)17 PE
I-15-1(47)17 U1 (Grade, PMB, U2 Str.)
I-15-1(33)17 R

I-15-1(12)17-E

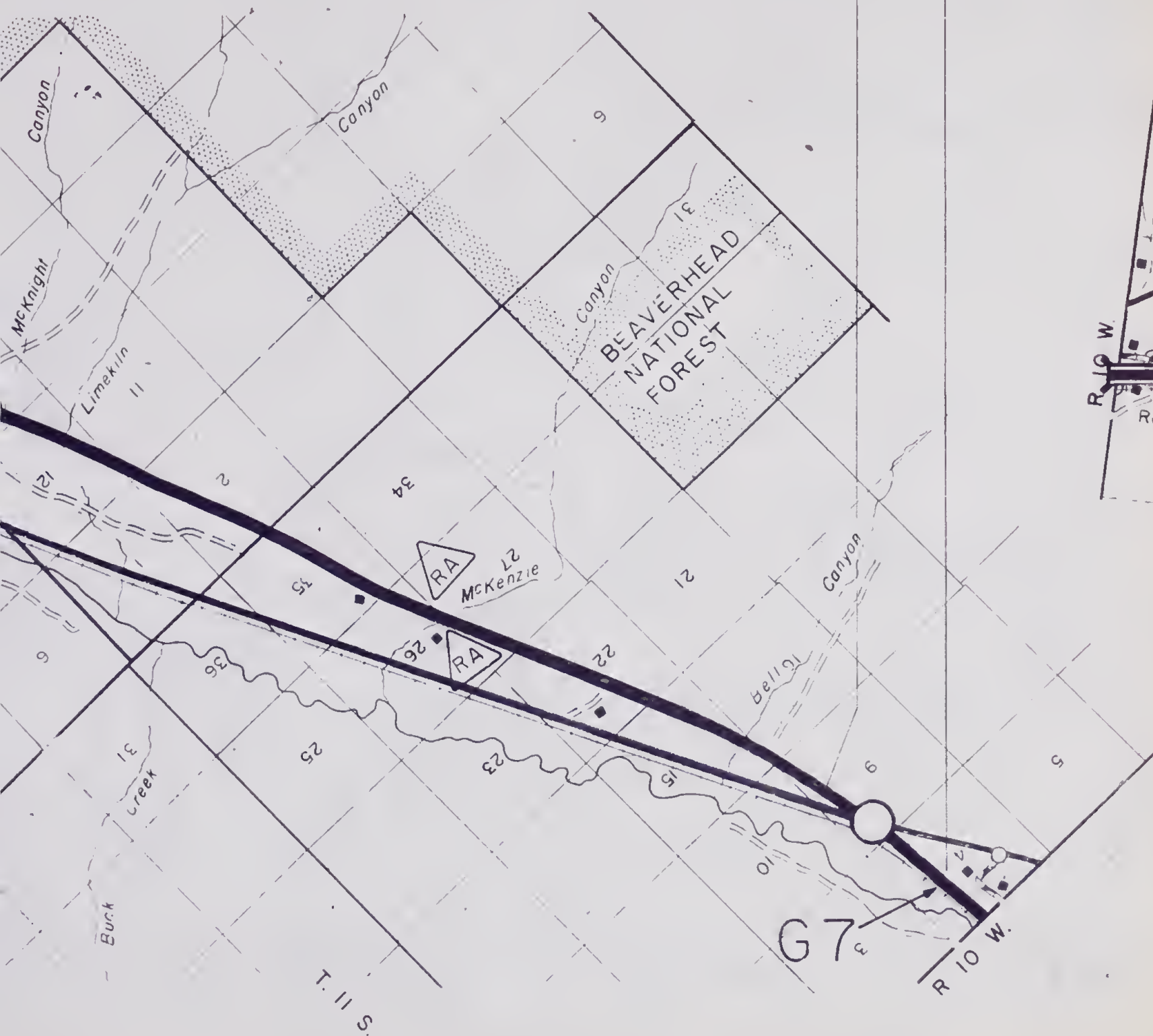
I-15-1-(22)23 R-1C

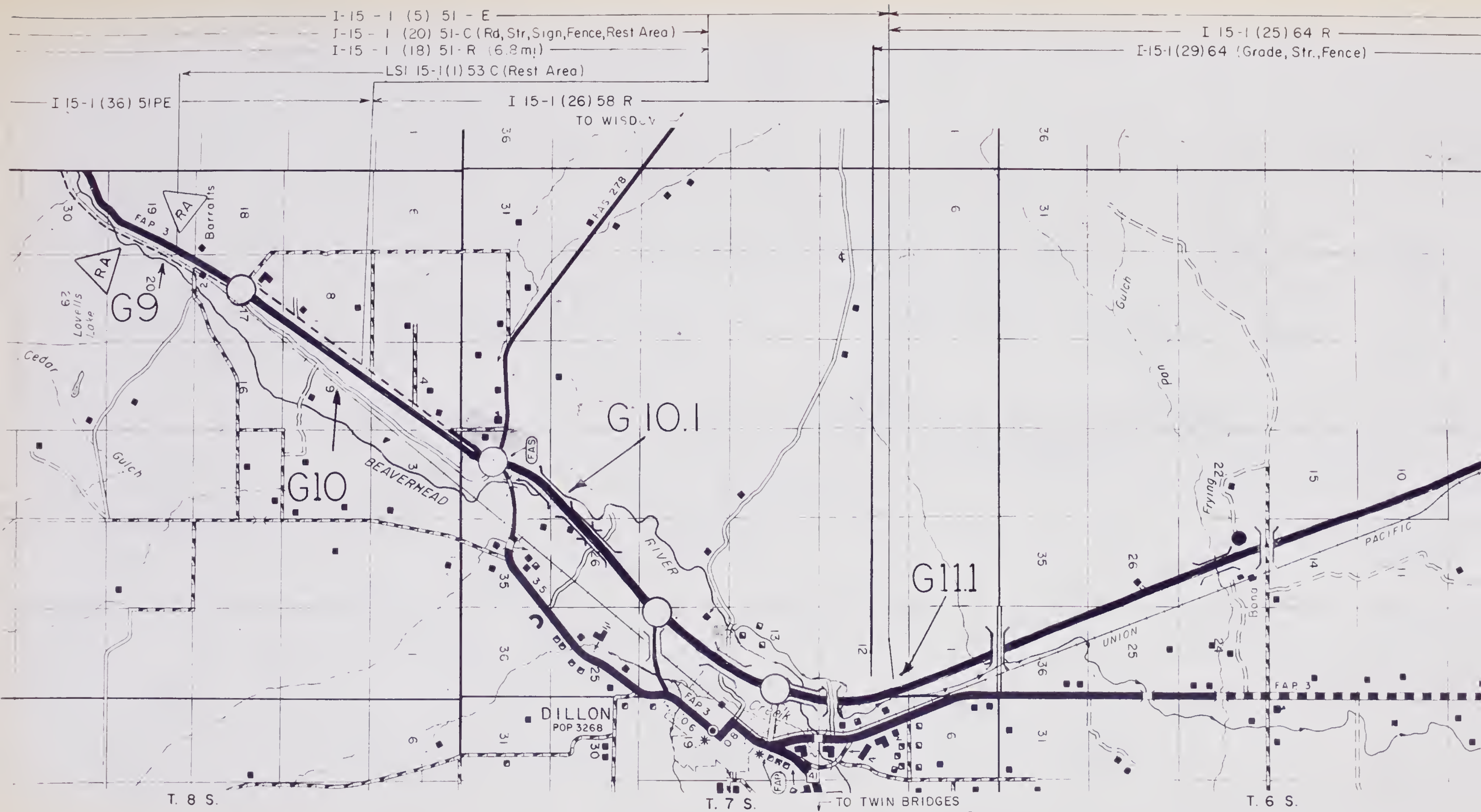
I-15-1(42)23-C (15.2 mi Rd, Str, Fence, Sign)

BEAVERHEAD CO.

I-1(22) 23 R-IC
(152 mi Rd, Str, Fence, Sign)

I 15-1(4) 36-E
I 15-1(10) 37-R
I 15-1(11) 37-C (7.8 mi-Rdwy-Str)
I 15-1(15) 37-C (Signing)
I 15-1(16) 37-C (Seeding)
I 15-1(32) 37-PE

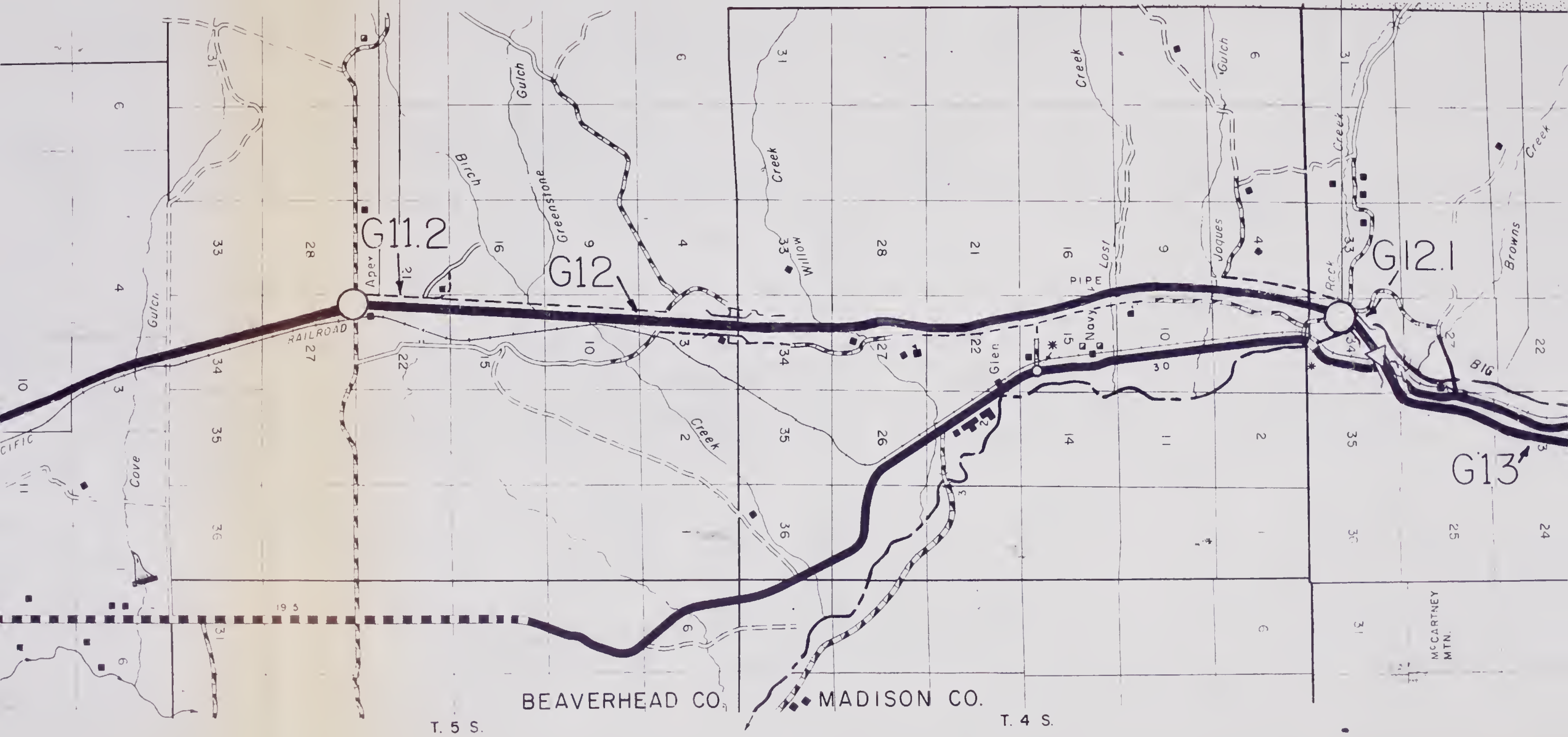


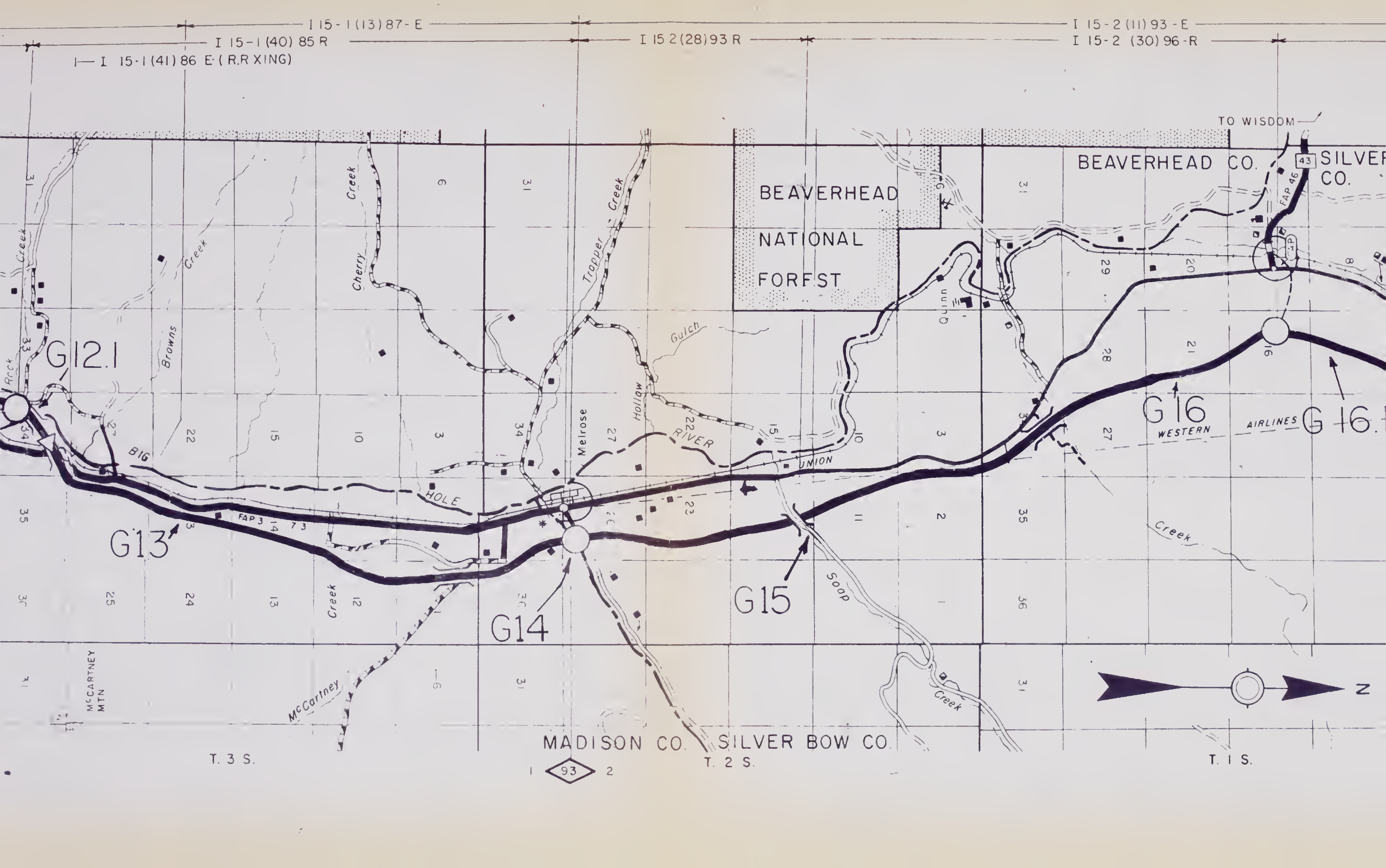


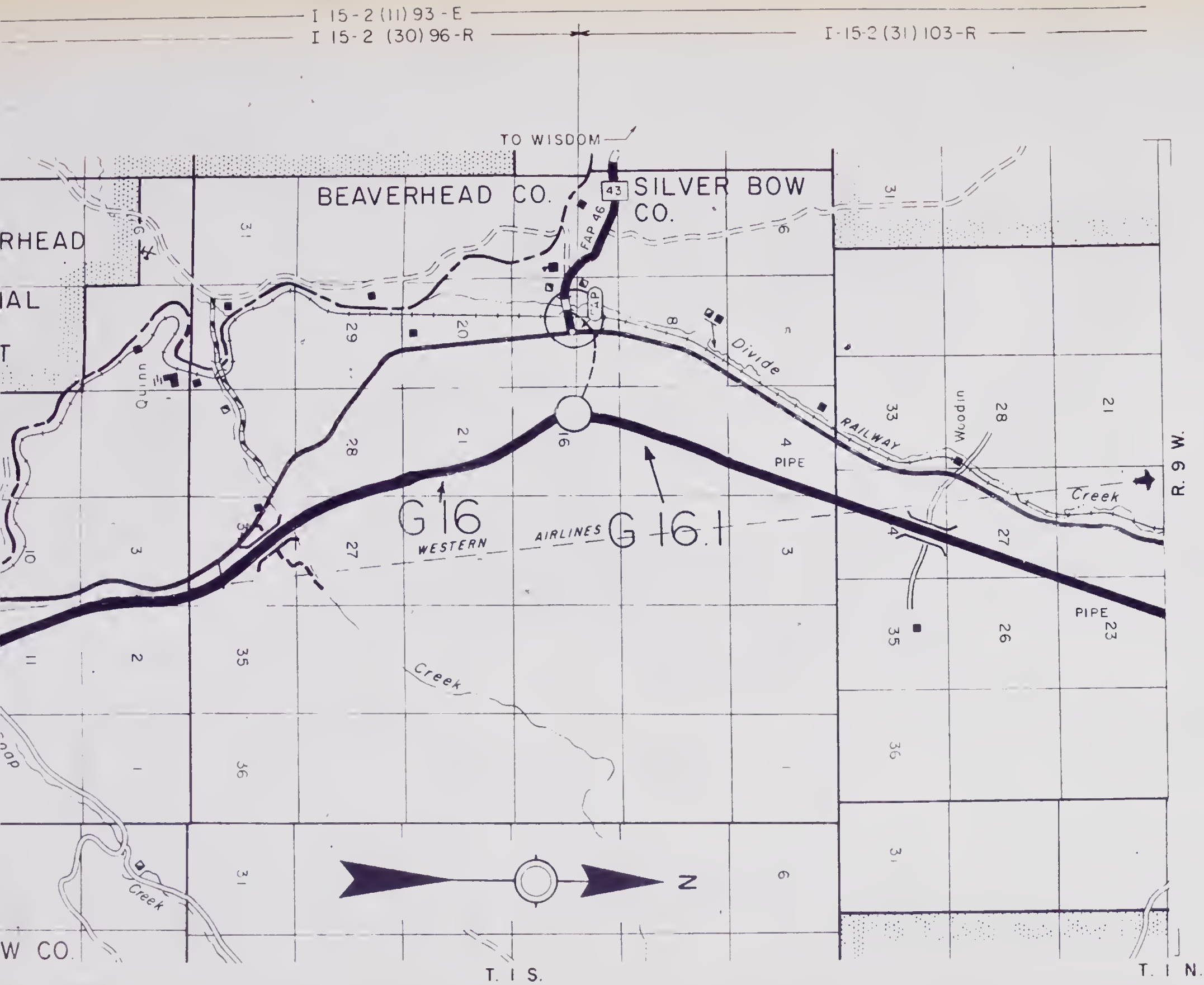
I-IG 15-1 (6) 65-E

I 15-1 (28) 75-R

I 15-1 (41) 86 E



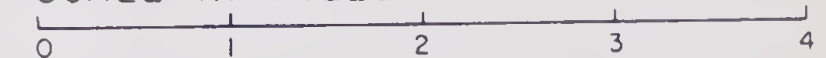




LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES

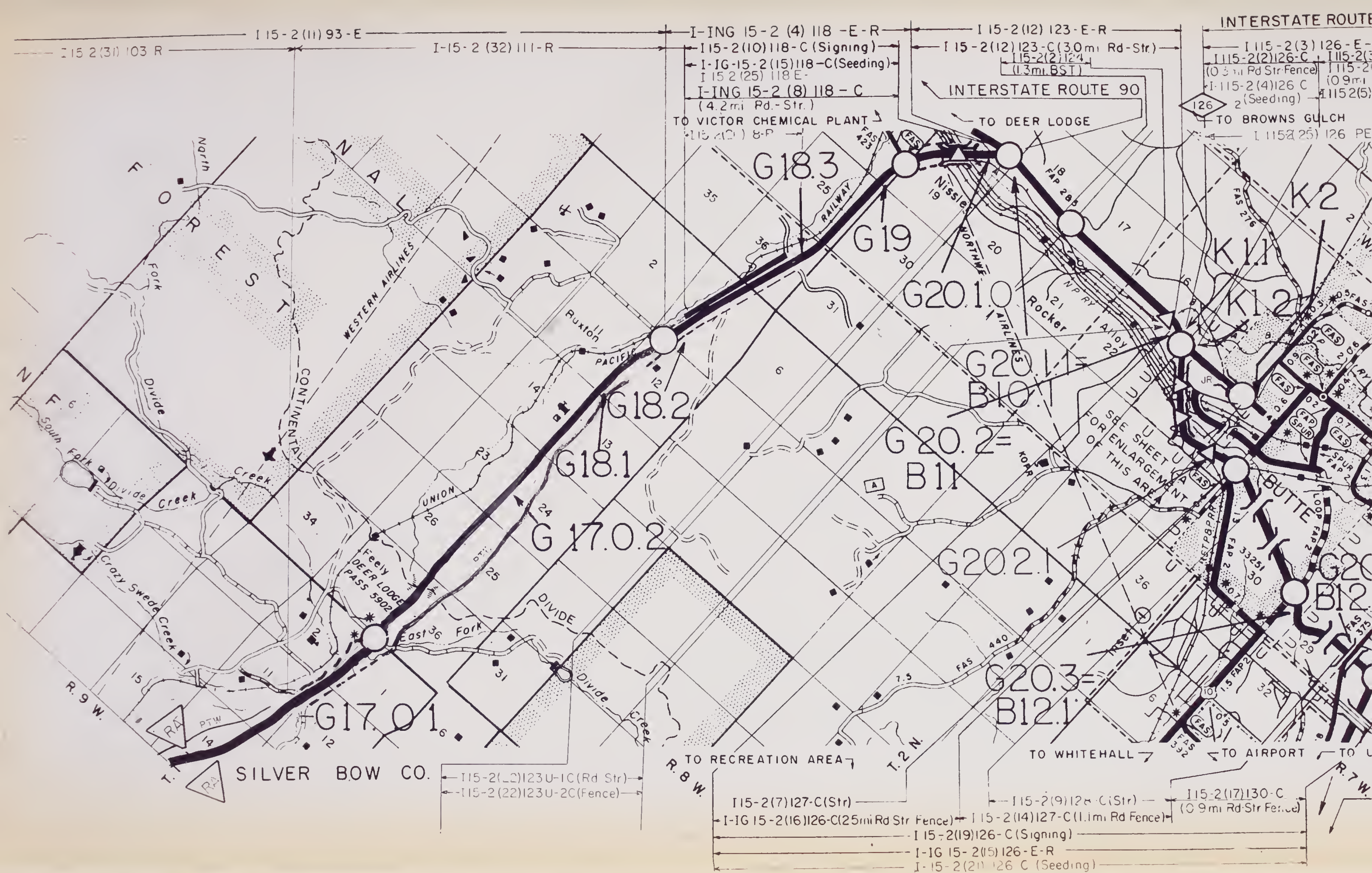


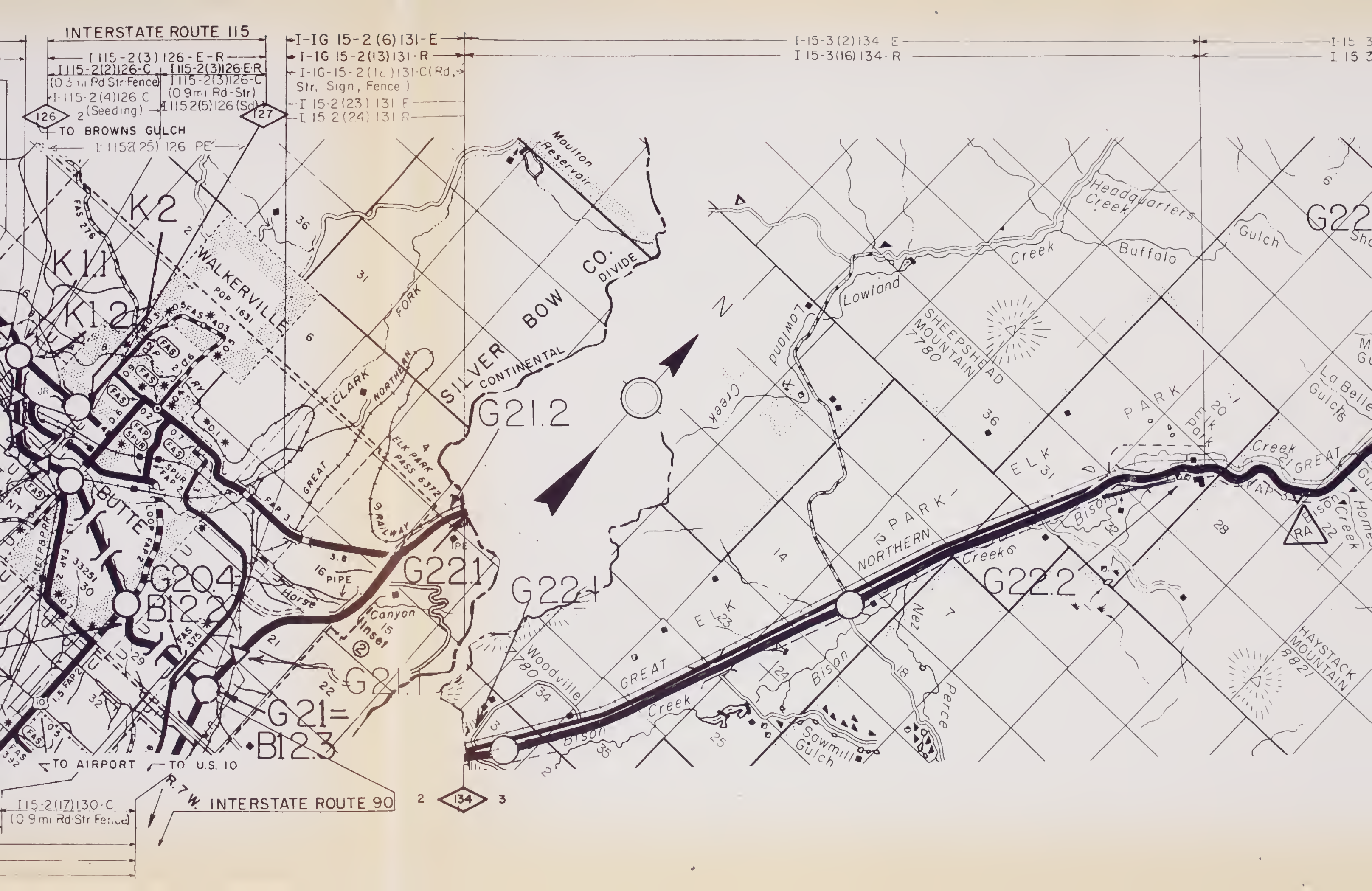
MONTANA

INTERSTATE ROUTE 15

Sheet 2 of 8

Date DECEMBER 31, 1970





INTERSTATE ROUTE 115

I-IG 15-2 (6) 131-E

I-15-3 (2) 134 E

I-15 3

I-115-2 (2) 126-C I-115-2 (3) 126-E-R

I-IG 15-2 (13) 131-R

I 15-3 (16) 134-R

I 15 3

(0.3 mi Rd Str-Fence) I-115-2 (3) 126-C

I-IG 15-2 (14) 131-C (Rd, Str, Sign, Fence)

I-115-2 (4) 126 C (0.9 mi Rd-Str)

I 15-2 (23) 131 E

I-115-2 (5) 126 (Sd)

I 15-2 (24) 131 R

126 TO BROWNS GULCH

I-115-2 (5) 126 PE

K11

K12

WALKERVILLE

POP 1631

SILVER BOW

CONTINENTAL

G21.2

G20.4

B12.2

G22.1

G22.4

G21=

B12.3

G22.2

G22

Sho

La Belle

Gulch

RA

HAYSTACK MOUNTAIN

8821

I-115-2 (17) 130-C

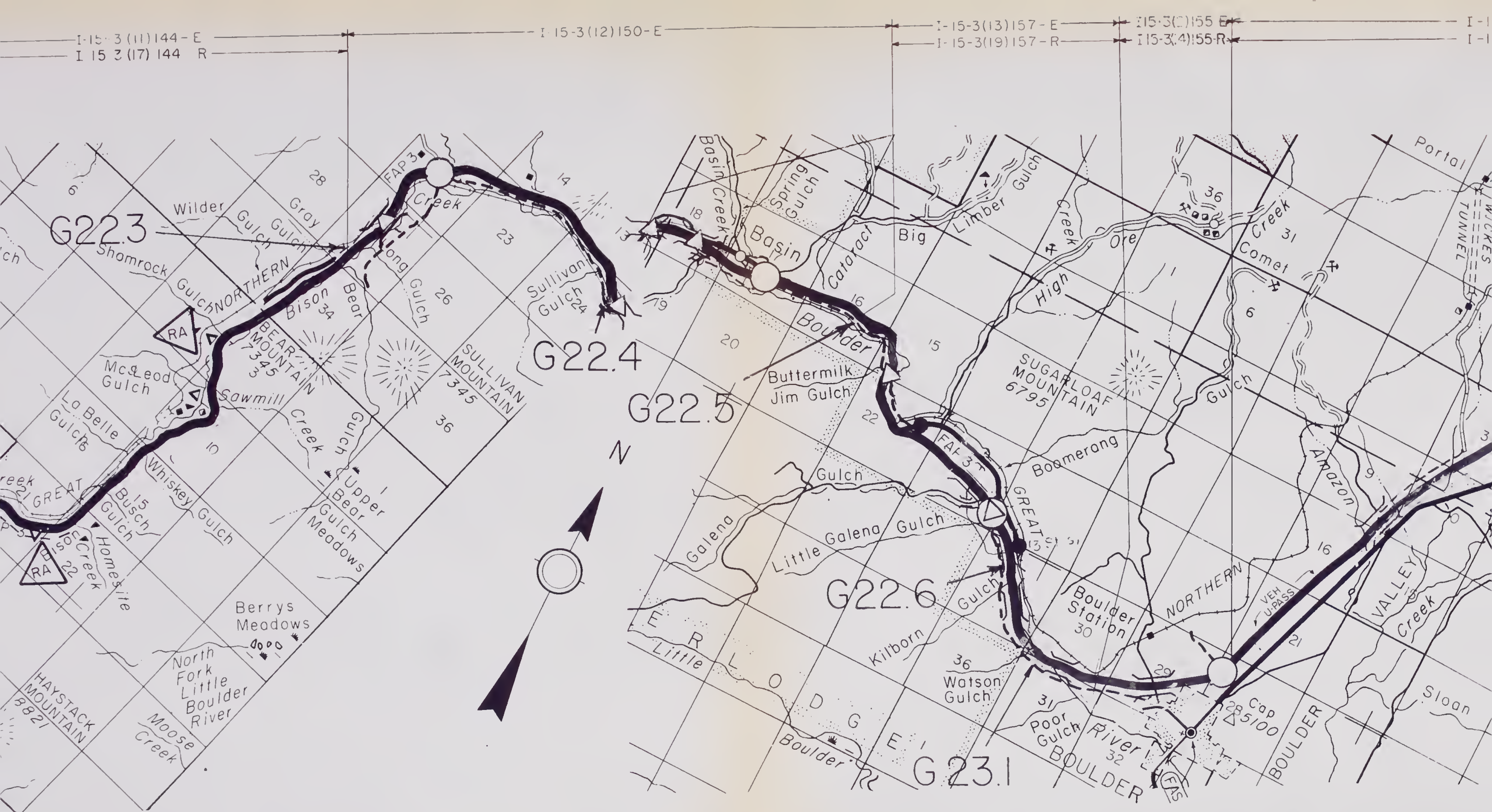
(0.9 mi Rd-Str Fence)

INTERSTATE ROUTE 90

2

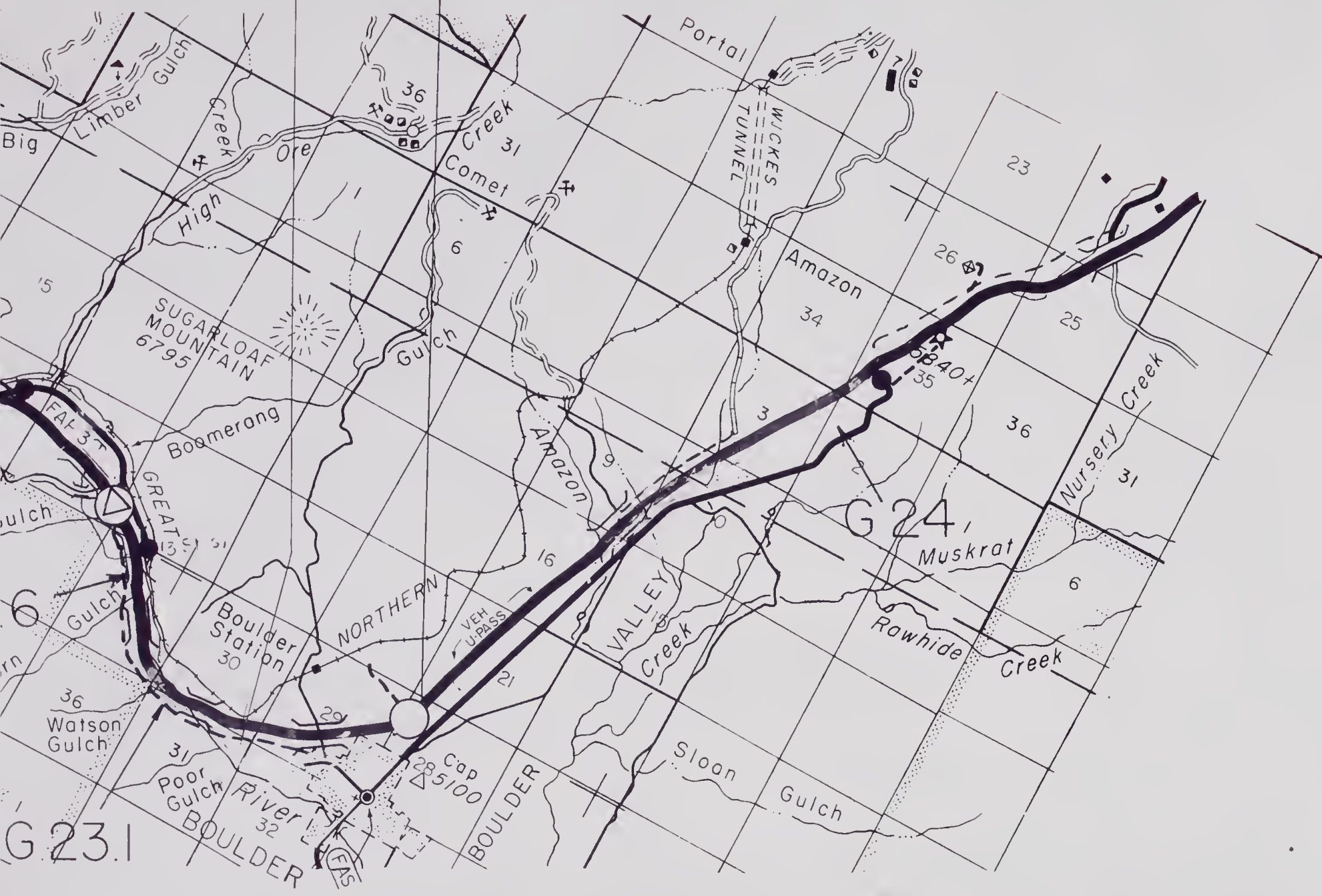
134

3



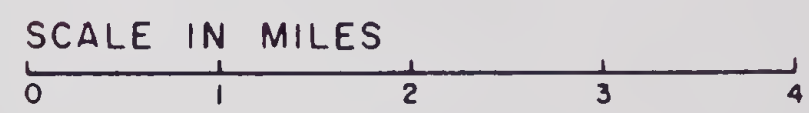
JEFFERSON CO.

I-15-3(13)157-E I-15-3(14)155-E I-15-3(3)157-E
 I-15-3(19)157-R I-15-3(4)155-R I-15-3(14)155-R



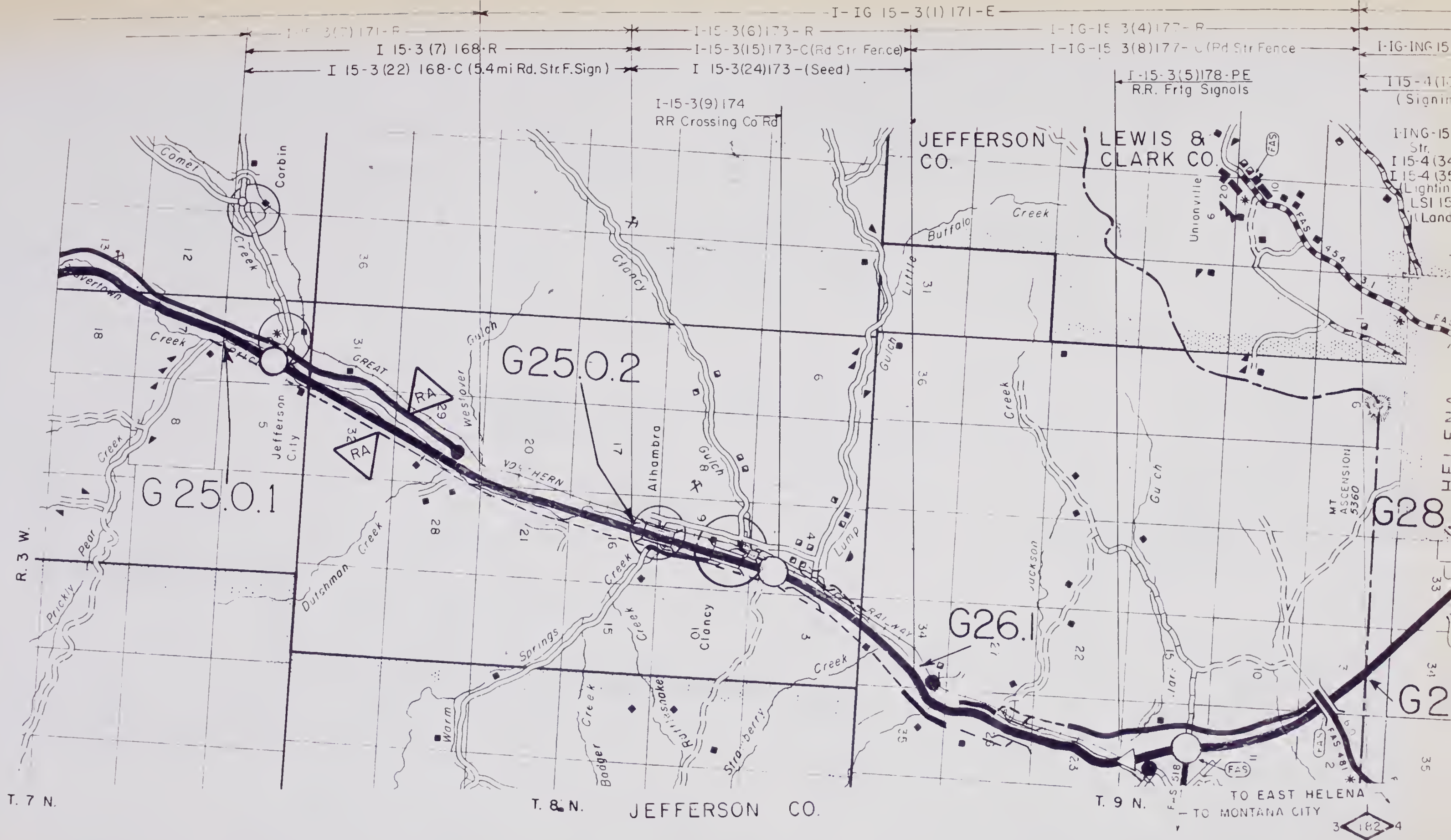
LEGEND FOR INTERSTATE ROUTES

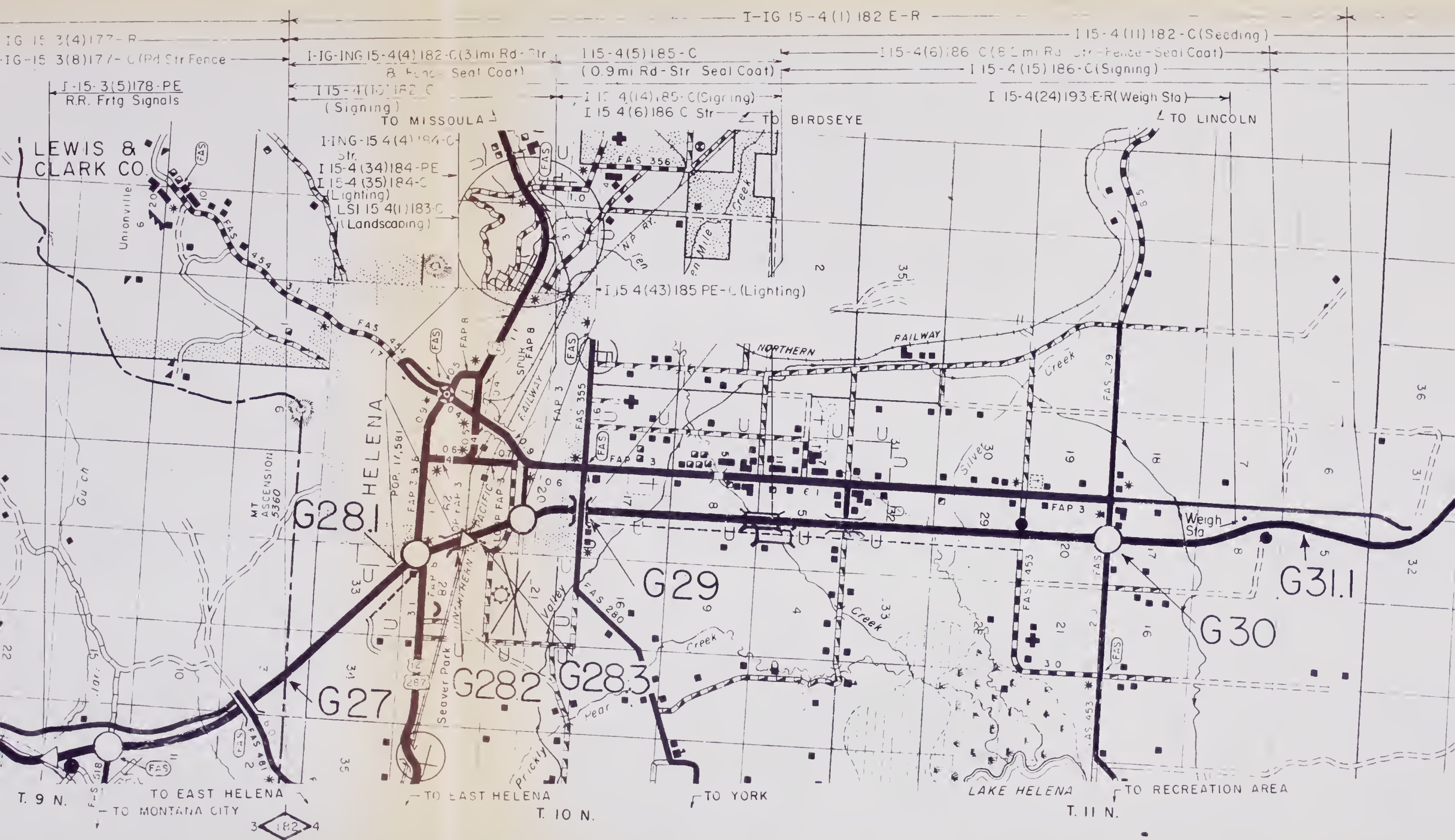
- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

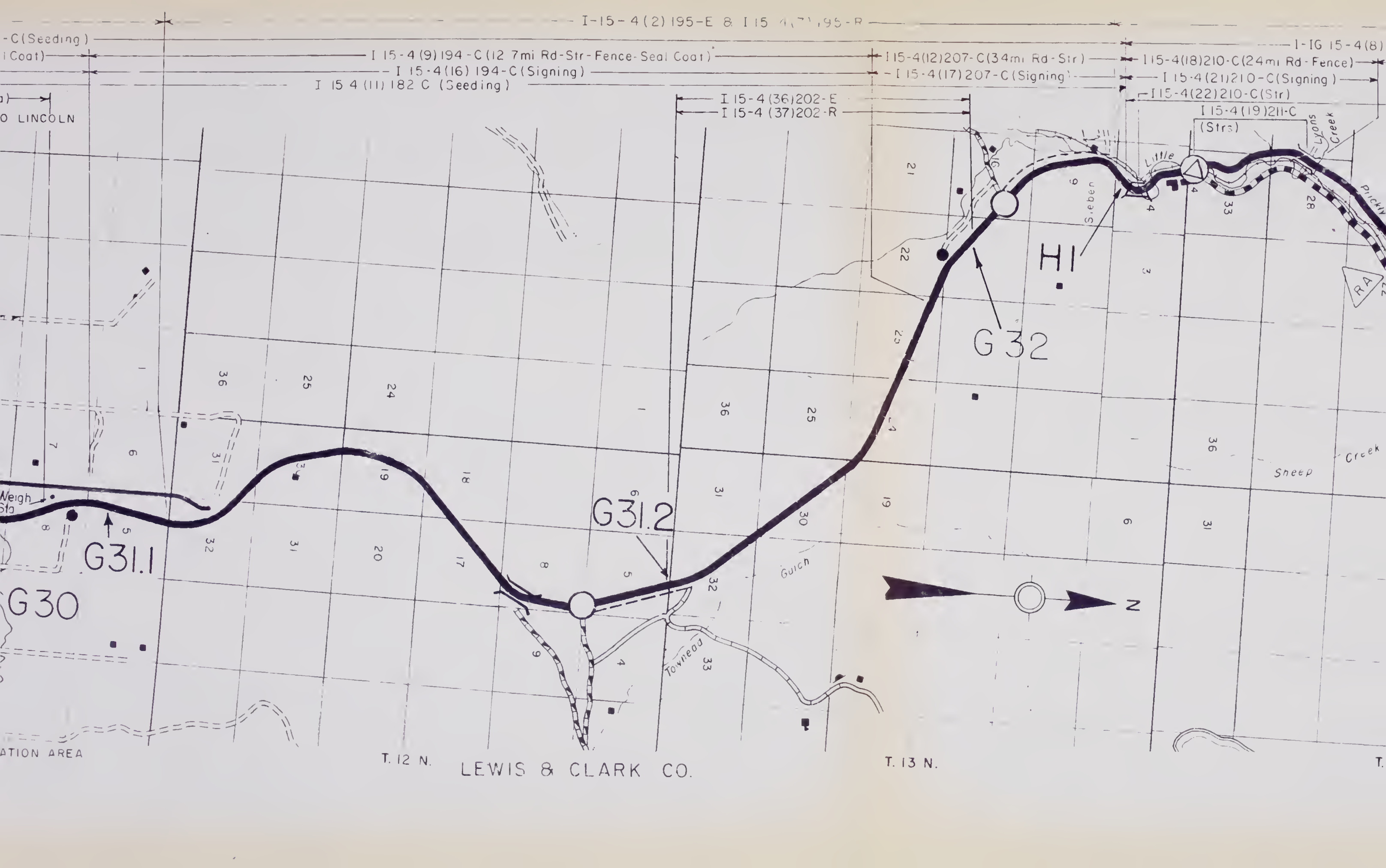


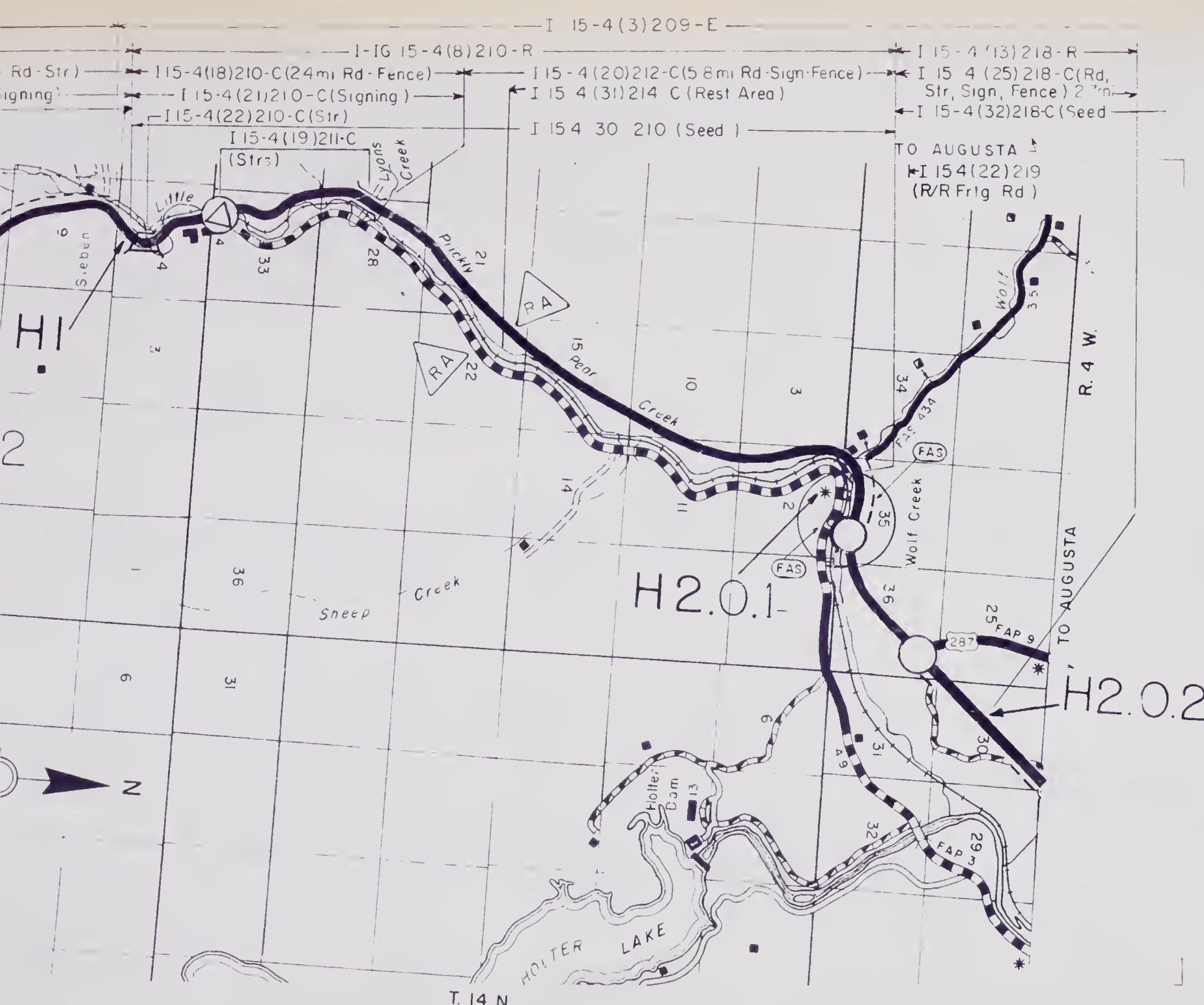
MONTANA

INTERSTATE ROUTE 15
 Sheet 3 of 8
 Date DECEMBER 31, 1970
 INTERSTATE ROUTE 115
 (COMPLETE ROUTE ON THIS SHEET.)





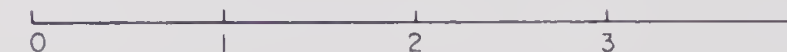




LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES



MONTANA

INTERSTATE ROUTE 15

Sheet 4 of 8

Date DECEMBER 31, 1970

I-IG-15-4(23)221-R

I-IG-15-4(26)221-C (Rd, Str, Sign, Fence)

I-15-4(32)218-C (Seed)

I-15-4(42)221-E (Slide)

I-15-4(46)221-C (Detour) I-15-4(29)227-C Str

I-15-4(46)222-U2 (Gr, PMB)

I-15-4(28)228-C (Rd, Str, Fen)

I-15-4(41)228-C (Seed)

I-15-4(39)229-C (Str)

I-15-5(35)230 (Strs), 3.1 mi, Gr, Fen)

I-15-5(43)230-C (Str)

I-IG-15-5 (21) 230 R

I-15-4(33)229-C (1 mi, Gr, Fen)

I-15-5(35)230-C (Gr, PMB

Fen. Str.)

I-15-5-(25) 238 C (Culv)

I-15-5(23)234-C (Rd, Str, Fence)

I-IG-15(33)237-C Str (4.6 mi)

I-15-5(49)234-C (Slope Protection)

LEWIS & CLARK CO

CASCADE CO

I-15-4(33)229-C (Gr, RA, PMB Fence)

I-15-5(43)230-C Str 3/4

H4.0.2

H4.0.1

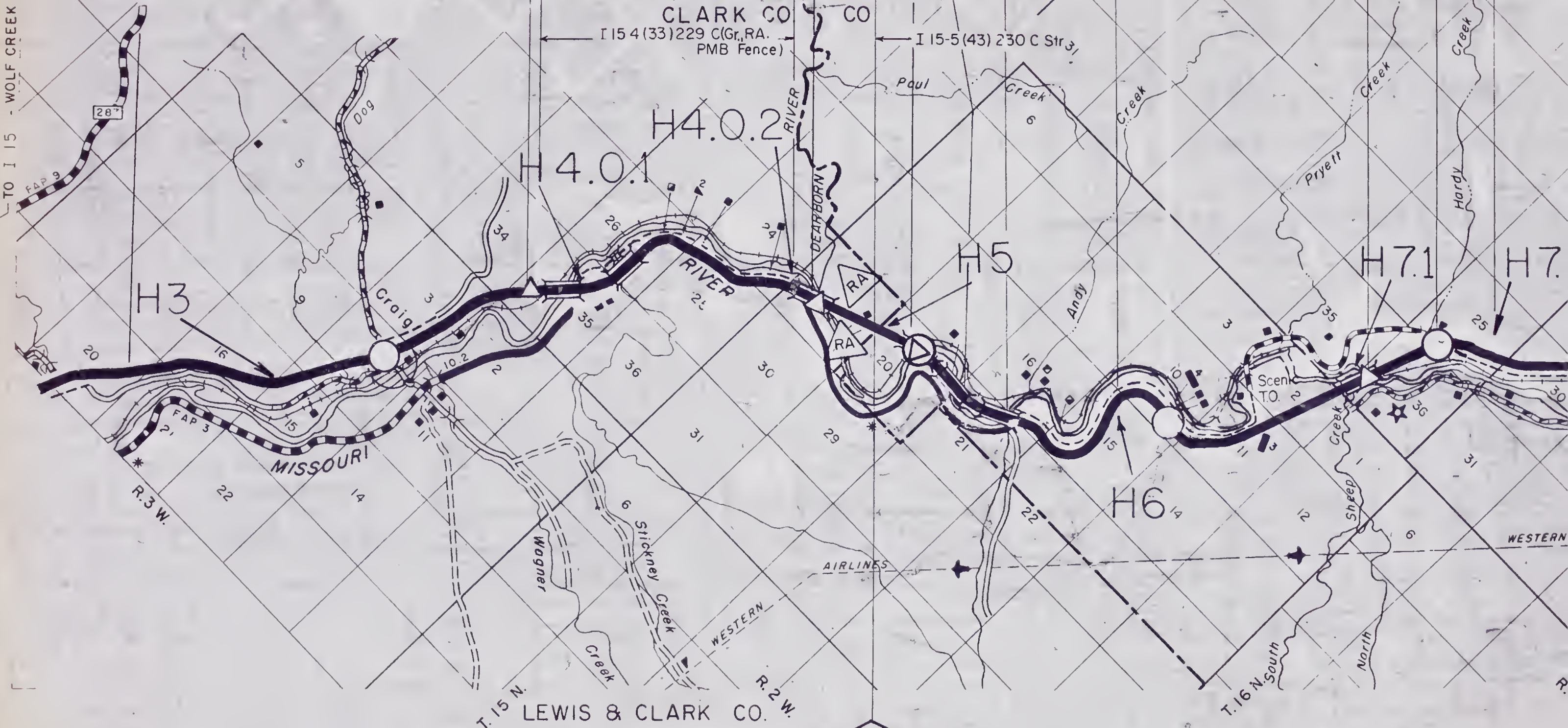
H5

H7.1

H7.

H6 1/4

TO I 15 - WOLF CREEK



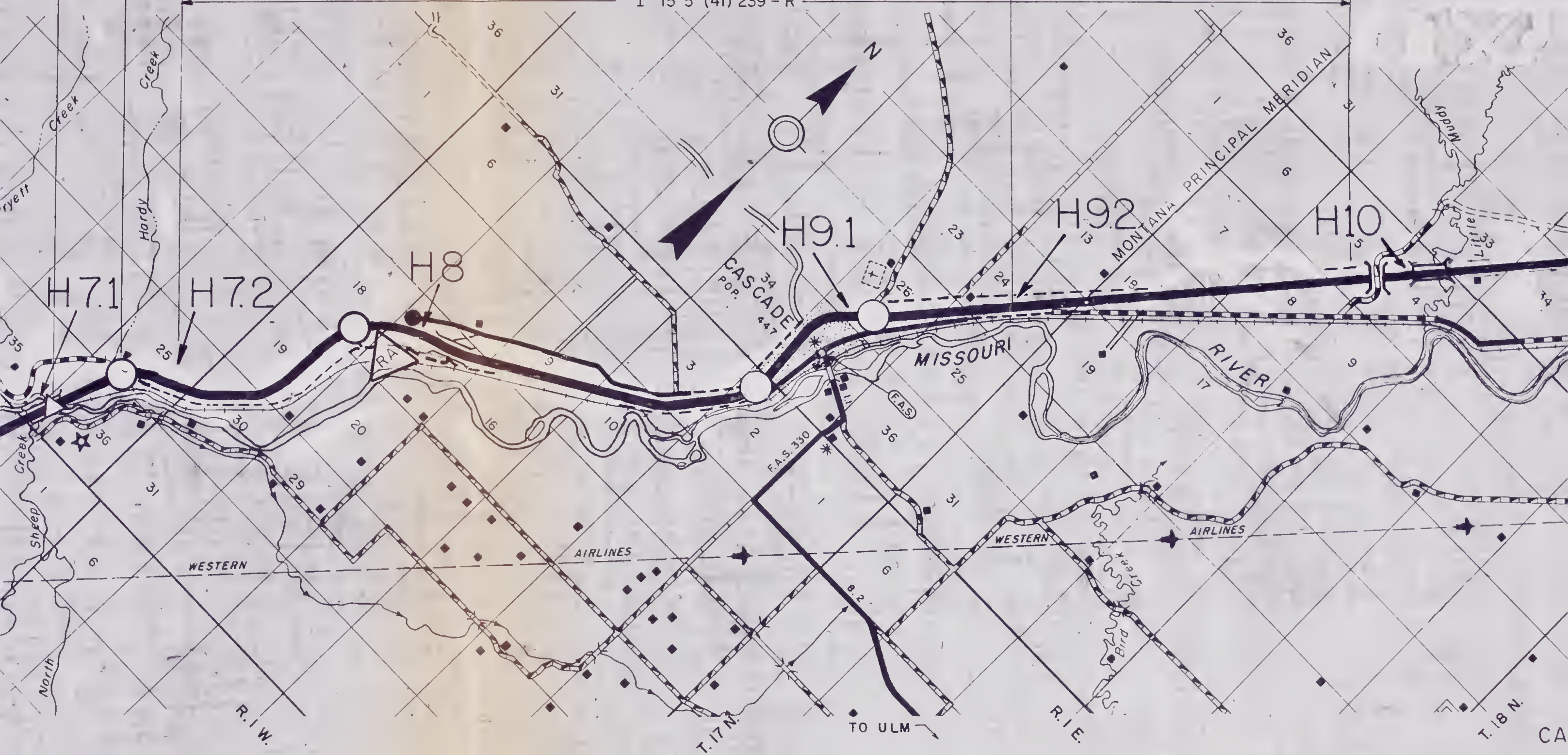
T.15 N. LEWIS & CLARK CO. R.2 W.

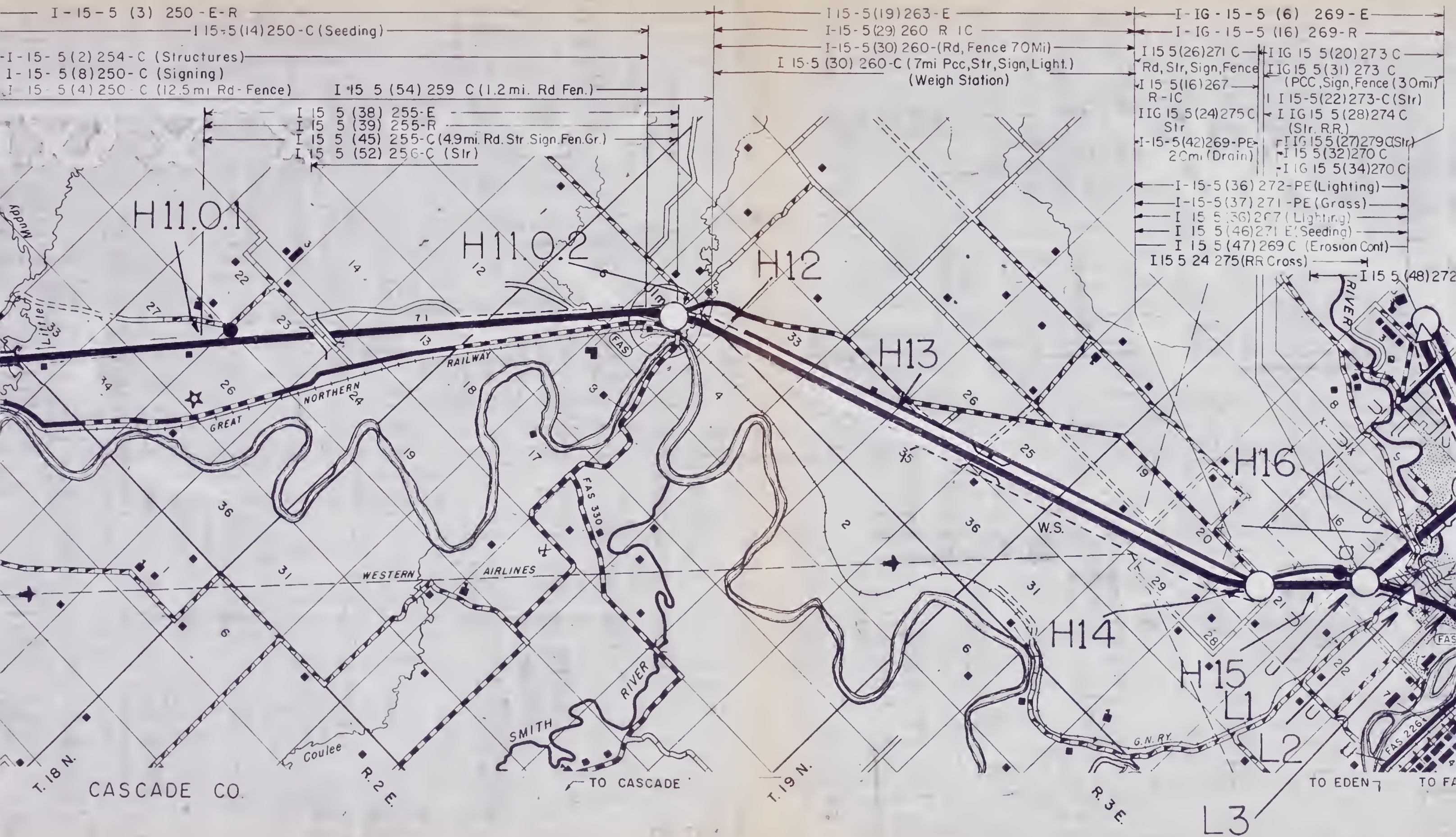
4 230 5

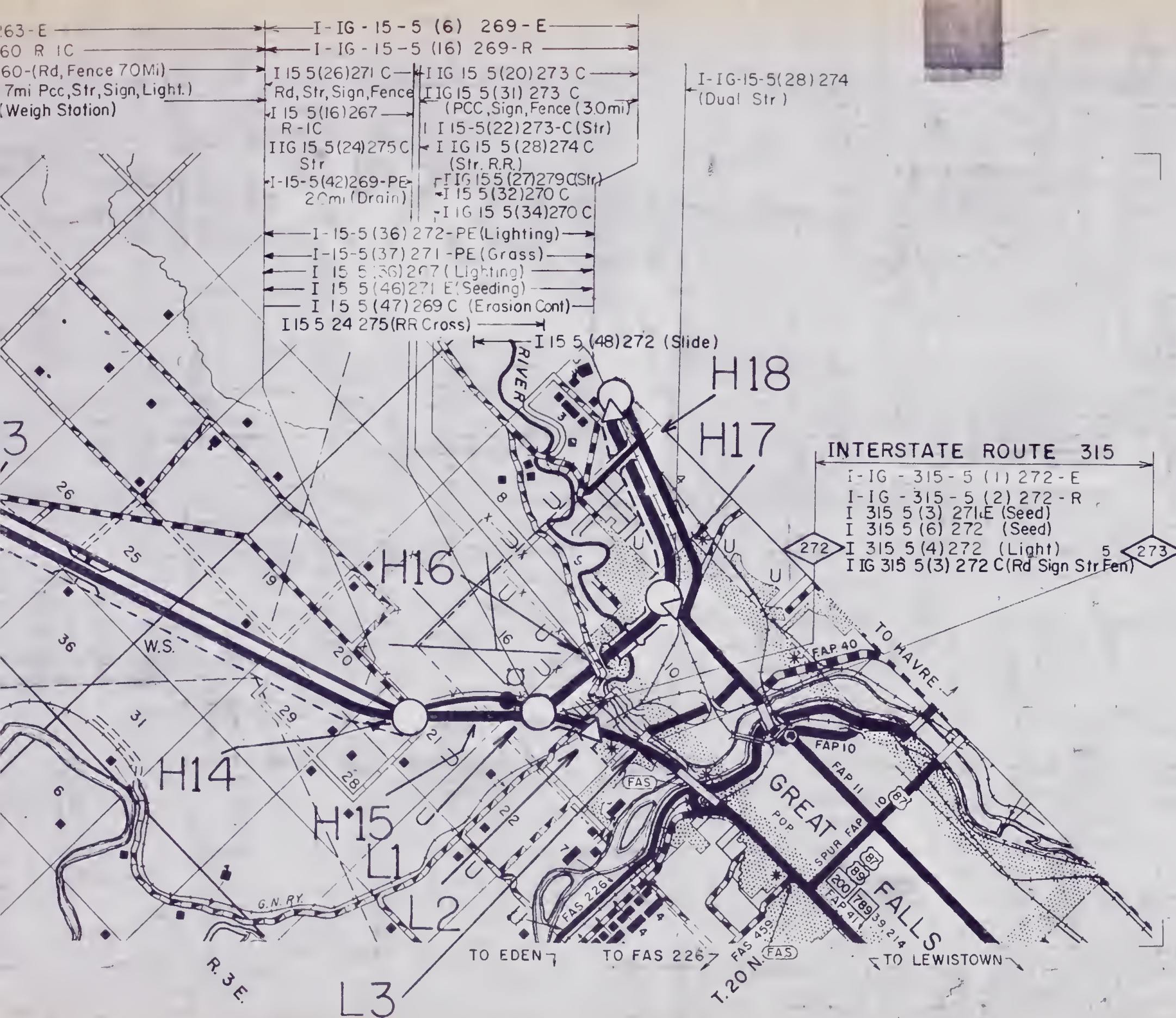
I - 15 - 5

- I 15-5(13)239-R _____
- I 15-5(13)239-C (9.7mi. Rd-Str-Fence) _____
- I 15-5(17)239-C (Signing-Del) _____
- I 15-5(18)239-C (Seeding) _____
I 15 5 (40)239-E
I 15 5 (41)239-R

— I - 15 - 5 (2) 254 -
I - 15 - 5 (8) 250 -
I - 15 - 5 (4) 250 -

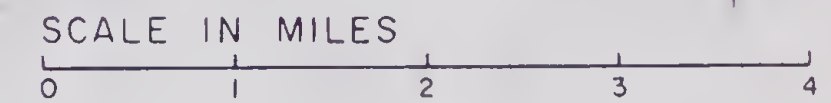






LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS



MONTANA

INTERSTATE ROUTE 15
 Sheet 5 of 8
 Date DECEMBER 31, 1970
 INTERSTATE ROUTE 315
 (COMPLETE ROUTE ON THIS SHEET.)

- I-15-5(7)275 E-R

I 15-5(9)275-C (4.3 mi Rd-Strs)

I 15-5(12)275-C (Signing)

I 15-5(15)275-C (Seeding)

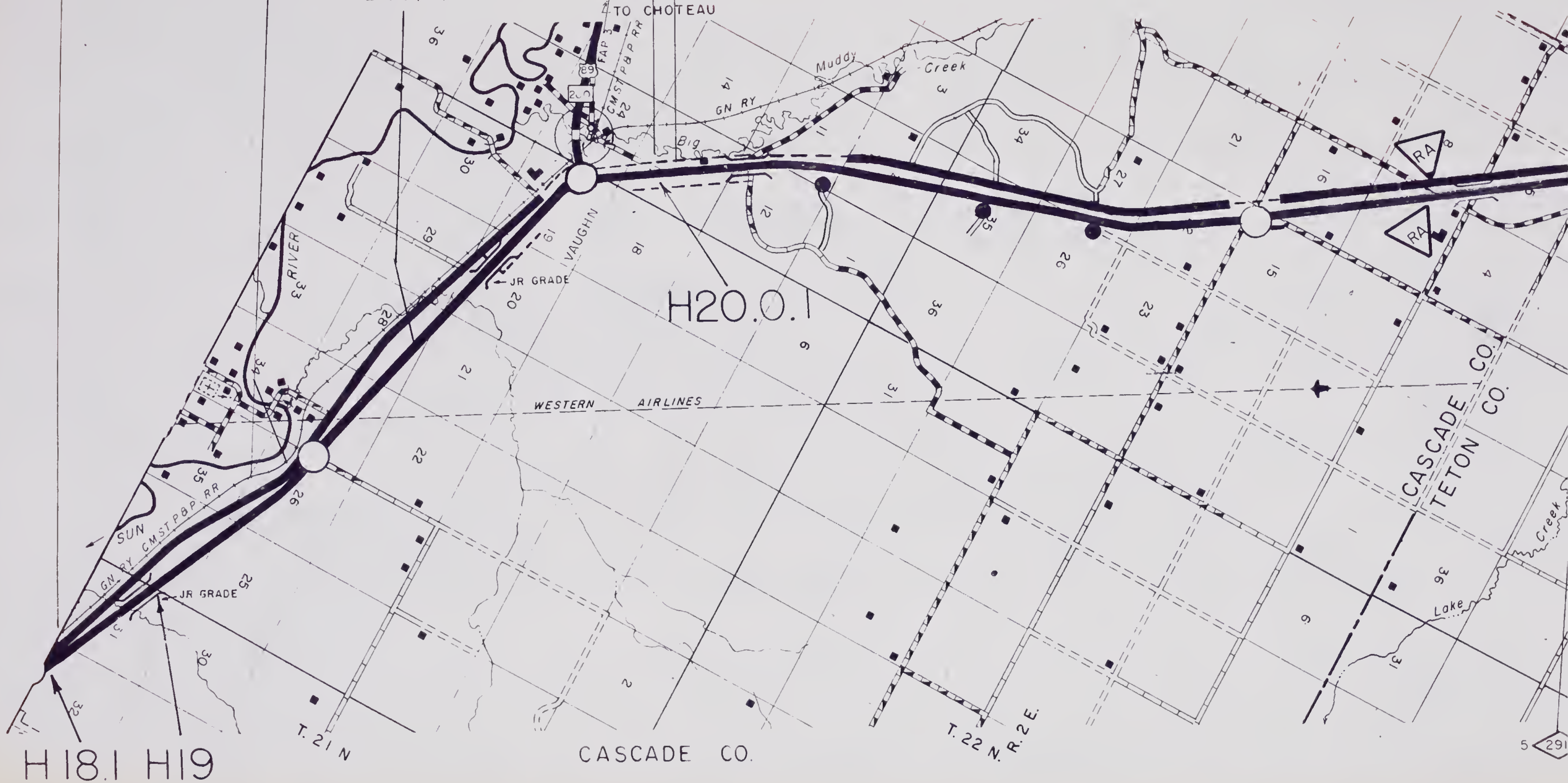
I 15-5(46)271 E (Seeding)

I 15-5(55)283 PE (Light Int.)

I 15-5(53)276 E-C

I-15-5(11)283-E

I 15-5(44)280 R



H18.1 H19

CASCADE CO.

CASCADE CO.
TETON CO.

I-15-6(2)298-E

I-15-6(13)304

I 15-6(4)311-R

I 15-6(5)311-C (1.0 mi Rd-Fence)

I 15-6(6)311-C (Signing-Del.)

I 15-6(7)311-C (Seeding)

I 15-7(3)312-C (10.5 mi Rd-Str-Fence)

I 15-7(4)312-C (Signing-Del.)

I 15-7(5)312-C (Seeding)

I 15-7(9)312 PE -

I 15-7(10)312-R

I-IG-15-7(2)312-

I-15-6(8)307-C (Str)

I-15-6(1)298-E-C (13.8 mi. Rd)

TO CHOTEAU

I 15-6(9)311-E

I 15-6(10)311-R

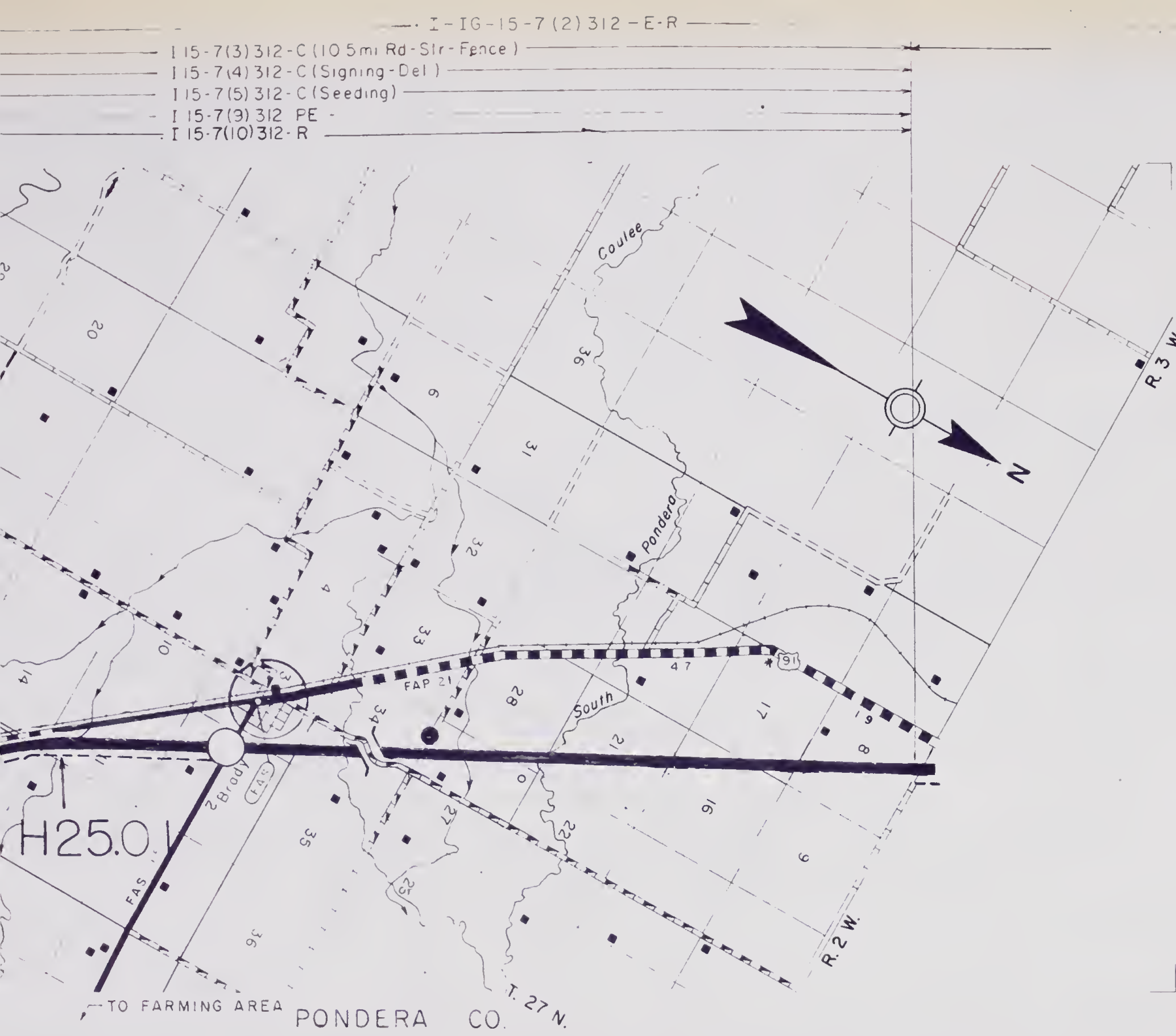


H22

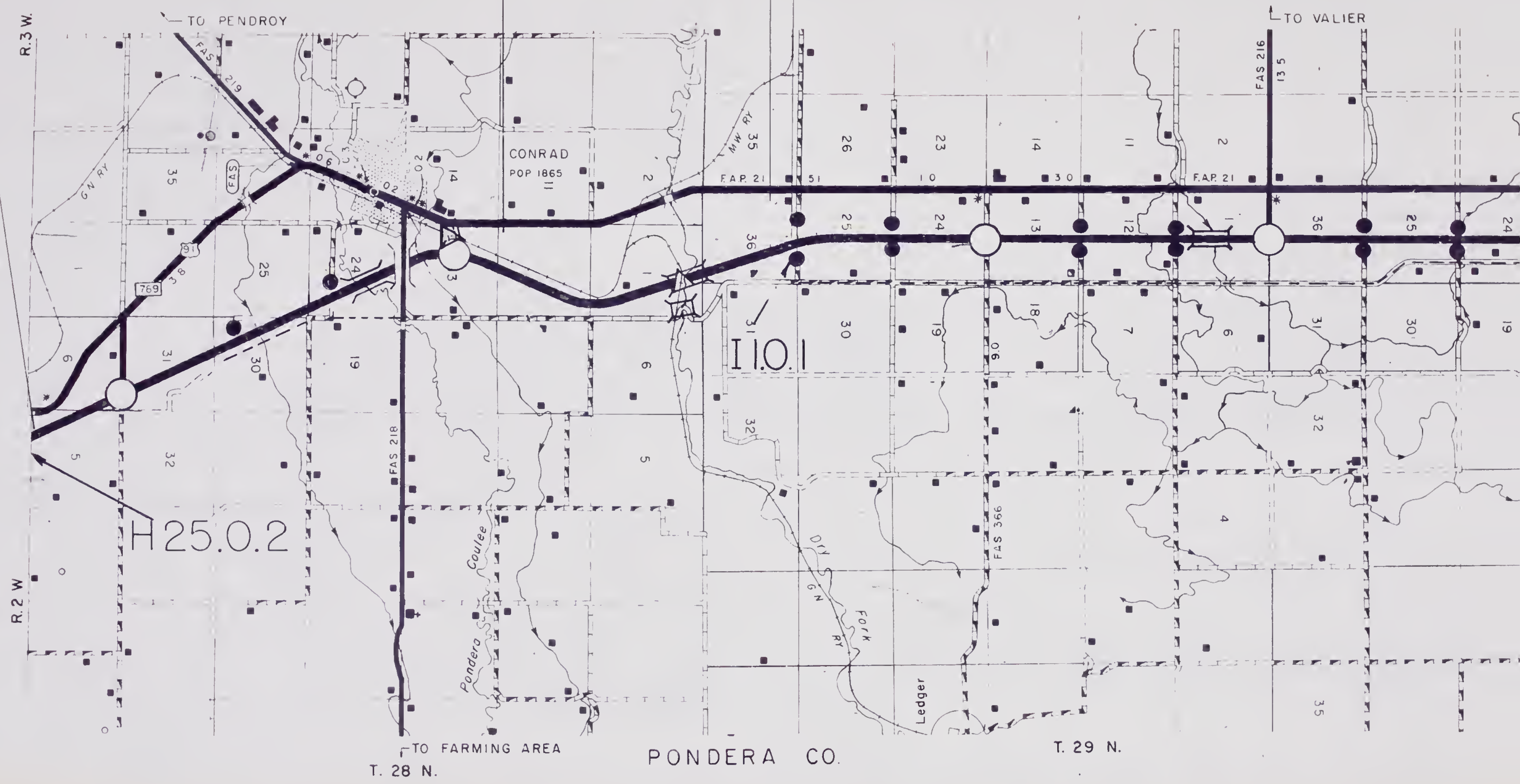
H23.1

H24 H25.01

PONDERA CO.

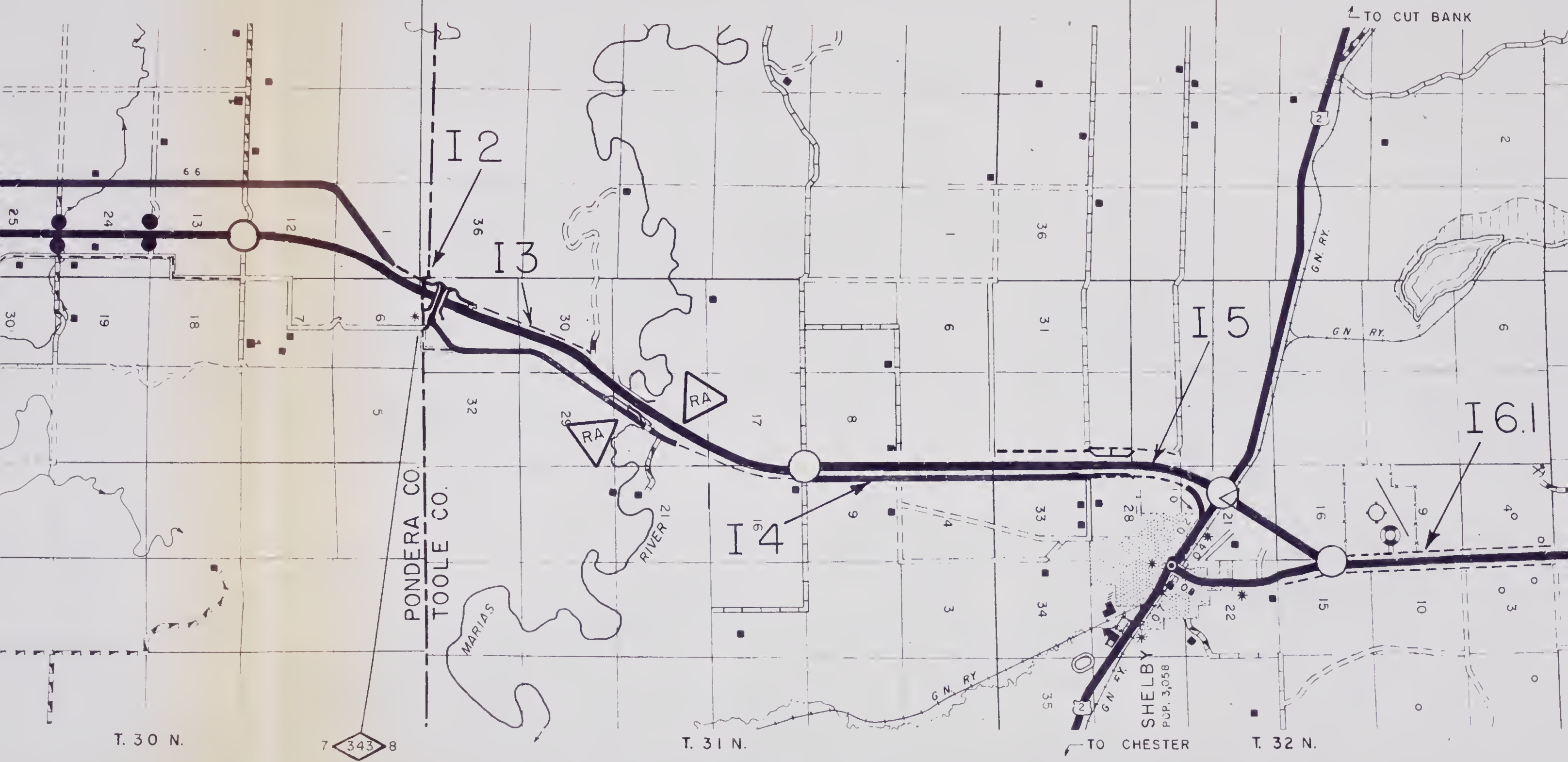


I - IG-15-7 (2) 312 E
I - IG-15-7 (8) 323 PE
I - 15-7 (6) 323-R
I - IG-15-7 (13) 323 C (Gr, Str, Fence)
I-IG-15 (7) 1 328 C
(Water Well)
I - IG-15-7 (1) 328 ER
I - 15-7 (7) 331-R
I 15-7 (12) 331 C (Gr, Str, Fence)

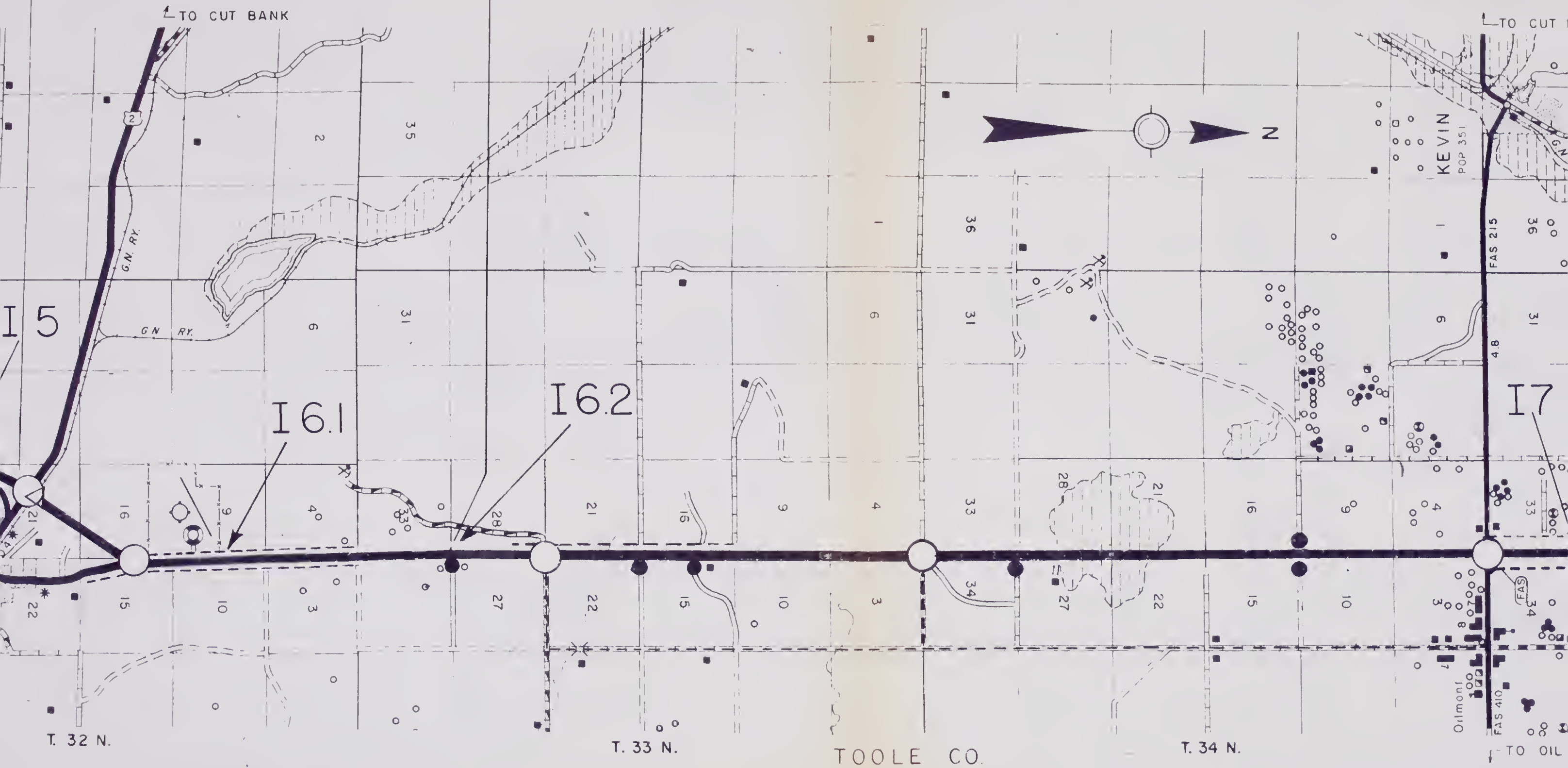


I-15-8(5) 343 - E
I-15-8(22) 343 - R.

I-1NG-15-8(1) 351 - E - R
I-1G-1NG 15-8(3) 351 - C (5.6 mi. Rd-Str)
I-15-8(7) 351 - C (Signing)
I-1G-1NG 15-8(8) 351 - C (Seeding)
I-15-8(23) 352 C (Lighting)



I 15 8 (19) 346 - E



I-15-8 (4) 357 E-

I 15 8 (13) 369 R

I 15-8 (17) 369 C (9.2 Mi. Gr., Seed, Fence)

I 15-8 (27) 369 C (Surf Sign)

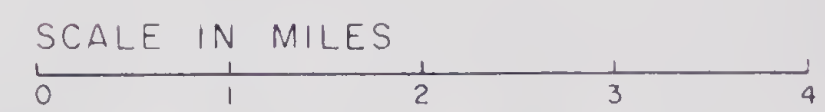
(12.0 mi. Rd-Str-Fence)

(Seeding)



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS











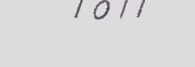






MONTANA

INTERSTATE ROUTE 15

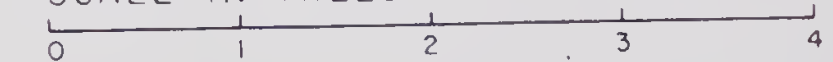
Sheet 7 of 8

Date DECEMBER 31, 1970

LEGEND FOR INTERSTATE ROUTES

-  INTERSTATE LOCATION STEP 4 - 5
-  INTERSTATE LOCATION STEP 1 - 2 - 3
-  INTERCHANGE
-  HIGHWAY GRADE SEPARATION - NO CONNECTION
-  RAILROAD GRADE SEPARATION
-  COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
-  OTHER BRIDGE
-  TUNNEL
-  TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
-  FRONTAGE ROAD
-  TERMINATED CROSS ROAD
-  INTERSECTION AT-GRADE
-  URBAN AREA BOUNDARY
-  POST MILEAGE
-  ROUTE SECTIONS

SCALE IN MILES



MONTANA

INTERSTATE ROUTE 15

Sheet 8 of 8

Date DECEMBER 31, 1970

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 90

Sheet 1 of 12 Sheets

ITEM	ESTIMATE SECTION													
	A1	A2.0.1	A2.0.2	A3.1	A3.2	A3.3	A4	A5.1	A5.2	A6	A7	A8.1	A8.2.1	A8.2.2
	A2.0.1	A2.0.2	A3.1	A3.2	A3.3	A4	A5.1	A5.2	A6	A7	A8.1	A8.2.1	A8.2.2	A8.3
	22	22	22	22	22	22	22	22	22	23	23	23	22	23
1. Section Length, miles (0.1)	4.2	3.0	3.7	5.4	5.4	0.2	5.2	4.6	0.9	1.1	0.2	0.9	3.4	4.2
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area Identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	E	E	E	E	E	E	E	E	E	N	N	N	E	N
5. Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	50	50	50	50	60	70	50	60	70	70	70	70	70	70
7. Traffic: a. ADT 1970	2010	2050	2050	2081	2079	2010	2138	2200	2200	2300	2300	2300	2300	2060
b. ADT 1975	3000	2950	2950	3000	2950	2850	3050	3150	3150	3300	3300	3300	3300	2950
c. ADT 1990	4400	3850	3850	3900	3900	3800	4000	4150	4150	4300	4300	4300	4300	3900
d. ADT 2000	5000	4400	4400	4450	4450	4300	4600	4750	4750	4950	4950	4950	4950	4450
8. Traffic: a. Design Year (19)	90	93	93	93	93	95	95	95	95	95	95	95	95	93
b. ADT Design Year	4400	4000	4000	4100	4050	4050	4300	4450	4450	4650	4650	4650	4650	4050
c. DHV Design Year	600	560	560	570	570	570	600	620	620	650	650	650	650	570
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	9	9	9	9	9	9	9	9	9	11	11	11	11	11
f. T Percent trucks design year (ADT)	13	13	13	13	13	13	13	13	13	15	15	15	15	15
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	2.7	1.4	0.7	4.8	1.4	0.2	3.8	4.6		1.1	0.2		3.4	
11. Mileage with frontage roads one side only	1.5	1.6	3.0	0.6	3.5		1.4		0.3			0.9		4.2
12. Mileage with frontage roads on both sides					0.5				0.6					
13. Typical cross-section reference	41	31	31	31	30	40	40	30	30	30	60	30	50&30	50
14. Right-of-Way Width: Minimum	300	270	232	215	185	300	300	300	300	300	300	300	400	250
Prevailing	420	450	300	400	340	400	300	300	300	300	300	300	400	300
15. Median Width: Minimum	10	10	10	10	10	6	6	10	88	38	46	46	68	68
Prevailing	10	10	10	76	76	6	10	68	46	38	46	46	168	68

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 90

Sheet 2 of 12 Sheets

ITEM	ESTIMATE SECTION													
	A8.3	A9.1	A9.2	A9.3	A10	A11	A12.1	A12.2	A12.3	A13.1	A13.3	A14	A15.0.1	A15.0.2
	A9.1	A9.2	A9.3	A10	A11	A12.1	A12.2	A12.3	A13.1	A13.3	A14	A15.0.1	A15.0.2	A16
	22	23	23	23	22	23	23	22	22	23	23	22	23	23
1. Section Length, miles (0.1)	1.4	2.3	1.2	1.8	3.9	5.7	2.1	2.0	1.7	1.5	4.3	3.7	1.1	1.7
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area Identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	E	N	N	N	E	N	N	E	E	N	N	E	N	N
5. Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	70	70	70	70	70	70	70	70	70	70	60	70	70
7. Traffic: a. ADT 1970	2130	2130	2190	2190	2190	2190	2164	2200	2200	2200	2344	2344	2490	2490
b. ADT 1975	3050	3050	3150	3150	3150	3150	3100	3150	3150	3150	3350	3350	3550	3550
c. ADT 1990	4000	4000	4100	4100	4100	4100	4050	4150	4150	4150	4400	4400	4700	4700
d. ADT 2000	4600	4600	4700	4700	4700	4700	4650	4750	4750	4750	5050	5050	5350	5350
8. Traffic: a. Design Year (19)	92	92	75	85	84	85	85	75	94	94	94	94	75	94
b. ADT Design Year	4050	4050	3150	3800	3750	3750	3750	3150	4350	4350	4650	4650	3550	4950
c. DHV Design Year	570	570	440	530	530	530	530	440	610	610	650	650	500	690
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	11	11	10	10	10	10	10	10	10	10	10	10	10	10
f. T Percent trucks design year (ADT)	15	15	15	15	15	15	15	15	15	15	15	15	15	15
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads								1.1	0.2					
11. Mileage with frontage roads one side only	1.4				2.4	2.1	2.1	0.9	1.5	1.5	3.3	2.2		1.7
12. Mileage with frontage roads on both sides		2.3	1.2	1.8	1.5	3.6					1.0	1.5	1.1	
13. Typical cross-section reference	40	20	30	30	30	30	30	30	20	20	20	20	40	20
14. Right-of-Way Width: Minimum	260	300	260	260	220	200	270	395	300	300	300	300	260	300
Prevailing	350	300	300	280	250	280	290	400	300	300	300	300	300	300
15. Median Width: Minimum	68	28	38	36	36	36	36	46	6	38	38	10	36	32
Prevailing	68	28	60	36	36	36	46	46	150	38	100	46	96	32

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 90

Sheet 3 of 12 Sheets

ITEM	ESTIMATE SECTION													
	A16	A17	A18	A19	A22.1	A22.2	A23.0.1	A23.0.2	A24.1	A24.2	A24.3	A25	A25.1	A25.2
	A17	A18	A19	A22.1	A22.2	A23.0.1	A23.0.2	A24.1	A24.2	A24.3	A25	A25.1	A25.2	A26
	23	22	22	22	23	22	22	22	23	23	23	23	23	23
1. Section Length, miles (O.1)	2.2	0.9	1.1	2.6	2.1	2.6	2.2	3.3	2.0	5.8	1.5	0.5	0.3	1.5
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	U*	R	U*
3. Urban Area Identification (name and code)												363#		363#
4. Location: Existing, new or toll (E, N or T)	N	E	E	E	N	E	E	E	N	N	N	N	N	N
5. Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	70	70	50	70	70	70	70	60	70	70	50	50	50
7. Traffic: a. ADT 1970	2490	2490	2490	2580	2670	2670	3007	3007	3007	4856	4856	4856	4856	8277
b. ADT 1975	3550	3550	3550	3700	3800	3800	4300	4300	4300	7050	7050	7050	7050	12500
c. ADT 1990	4700	4700	4700	4850	5000	5000	5650	5650	5650	9500	9500	9500	9500	17400
d. ADT 2000	5350	5350	5350	5550	5750	5750	6450	6450	6450	10900	10900	10900	10900	20200
8. Traffic: a. Design Year (19)	94	94	94	84	89	89	89	89	84	84	85	85	85	85
b. ADT Design Year	4950	4950	4950	4400	4950	4950	5600	5600	5150	8500	8700	8700	8700	15750
c. DHV Design Year	690	690	690	620	690	690	780	780	720	890	910	910	910	1650
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	60	60	60	60	60
e. T Percent trucks design year (DHV)	10	10	10	10	10	10	10	10	10	9	9	9	9	9
f. T Percent trucks design year (ADT)	15	15	15	15	15	15	15	15	15	13	13	13	13	13
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads				0.6						5.8	1.5	0.5	0.3	1.5
11. Mileage with frontage roads one side only	1.4	0.9	1.1	2.0				3.3						
12. Mileage with frontage roads on both sides	0.8				2.1	2.6	2.2		2.0					
13. Typical cross-section reference	30&20	20	20	40	30	30	30	30	31	31	31	31	41	41
14. Right-of-Way Width: Minimum	270	300	200	220	300	270	250	280	230	230	260	260	230	260
Prevailing	400	300	250	300	400	310	300	340	280	280	310	300	300	320
15. Median Width: Minimum	32&78	78	68	8	46	56	46	56	46	46	8	8	8	8
Prevailing	78	78	68	36	46	56	56	76	46	46	76	8	8	8

Missoula
 * Section is comparable to a corresponding section in the 1970 Estimate.

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 90

Sheet 4 of 12 Sheets

ITEM	ESTIMATE SECTION													
	A26	A27.1	A27.2	A28.2	A29.1	A30.0.1	A30.0.2	A31	A32	A33	A34.0.1	A34.0.2	A34.0.3	A35
	A27.1	A27.2	A28.2	A29.1	A30.0.1	A30.0.2	A31	A32	A33	A34.0.1	A34.0.2	A34.0.3	A35	A36
	23	23	23	22	22	22	21	21	23	21	23	20	23	20
1. Section Length, miles (0.1)	1.7	2.8	9.2	8.9	3.3	3.1	2.6	5.0	4.6	3.0	3.2	0.7	2.8	3.7
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area Identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	N	N	N	E	E	E	E	N	N	N	N	N	N	N
5. Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	50	70	70	70	60	70	50	60	50	50	70	50	70	70
7. Traffic: a. ADT 1970	6732	6619	3420	3390	2550	2537	2537	2640	2640	2640	2640	2054	2646	2646
b. ADT 1975	9750	9600	4900	4850	3650	3650	3650	3800	3800	3800	3800	2950	3800	3800
c. ADT 1990	13200	12950	6450	6400	4800	4800	4800	4950	4950	4950	4950	3850	4950	4950
d. ADT 2000	15100	14850	7350	7300	5500	5450	5450	5700	5700	5700	5700	4400	5700	5700
8. Traffic: a. Design Year (19)	84	84	75	89	89	89	88	88	88	88	84	84	84	75
b. ADT Design Year	11800	11600	4900	6300	4750	4700	4650	4850	4850	4850	4500	3500	4500	3800
c. DHV Design Year	1240	1220	670	850	650	640	630	660	660	660	610	480	610	520
d. D Directional distribution factors	60	60	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	9	9	10	10	10	10	10	10	10	10	10	13	13	13
f. T Percent trucks design year (ADT)	13	13	15	15	15	15	15	15	15	15	15	19	19	19
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	1.7			1.0			1.6					0.7		
11. Mileage with frontage roads one side only		2.8	3.2	2.0	2.5	3.1	1.0		4.6	3.0	3.2		1.9	3.7
12. Mileage with frontage roads on both sides			6.0	5.9	0.8			5.0					0.9	
13. Typical cross-section reference	41	41	30	30	30	30	30	30	40	40	30	40	30	30
14. Right-of-Way Width: Minimum	200	240	240	185	185	250	240	230	180	155	220	200	235	270
Prevailing	280	290	270	300	280	300	300	290	250	240	300	300	300	310
15. Median Width: Minimum	8	8	46	36	36	76	36	10	10	10	8	8	46	46
Prevailing	8	46	46	76	36	76	36	46	10	46	46	8	46	46

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 90

Sheet 5 of 12 Sheets

ITEM	ESTIMATE SECTION													
	A36 A37	A37 A38	A38 B1	B1 B2.1	B2.1 B2.1.1	B2.1.1 B2.2	B2.2 B3	B3 B5.1	B5.1 B6	B6 B7	B7 B8	B8 B9	B9 B9.1	B9.1 B10
	23	22	23	22	23	23	23	23	23	23	23	23	22	20
1. Section Length, miles (0.1)	5.9	6.0	2.0	4.9	0.5	7.1	1.0	6.8	6.6	4.2	3.5	1.0	7.0	1.1
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area Identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	N	E	N	E	N	N	N	N	N	N	N	N	E	E
5. Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	70	50	70	70	70	70	70	70	70	70	70	70	70
7. Traffic: a. ADT 1970	2923	3100	3100	2785	3013	3013	2985	2985	3159	2500	4000	4000	4866	4866
b. ADT 1975	4200	4450	4450	4000	4300	4300	4250	4250	4500	3600	5800	5800	7050	7050
c. ADT 1990	5500	5850	5850	5250	5650	5650	5600	5600	5950	4700	7850	7850	9550	9550
d. ADT 2000	6300	6650	6650	6000	6500	6500	6400	6400	6800	5400	8950	8950	10900	10900
8. Traffic: a. Design Year (19)	75	91	92	92	94	94	75	92	92	92	75	75	85	88
b. ADT Design Year	4200	5900	6000	5400	5950	5950	4250	5800	6150	4850	5800	5800	8700	9200
c. DHV Design Year	570	800	820	730	810	810	580	790	840	660	670	670	1010	1070
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	10	10	10	10	10	10	10	10	10	10	7	7	7	7
f. T Percent trucks design year (ADT)	15	15	15	15	15	15	15	15	15	15	10	10	10	10
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads		2.7		4.9		0.5					2.8	1.0	2.6	1.1
11. Mileage with frontage roads one side only	3.4	3.3	2.0			6.6	1.0	3.2	6.2	3.5	0.2		3.1	
12. Mileage with frontage roads on both sides	2.5				0.5			3.6	0.4	0.7	0.5		1.3	
13. Typical cross-section reference	30	30	30	30	20	20	30	30	30	30	30	30	30	30
14. Right-of-Way Width: Minimum	285	185	300	300	250	250	280	240	210	215	300	190	200	200
Prevailing	310	370	400	400	250	280	320	300	300	240	320	230	300	220
15. Median Width: Minimum	46	6	68	68	76	58	56	56	56	56	76	46	76	76
Prevailing	46	68	68	68	76	58	56	56	56	76	76	46	100	76

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 90

Sheet 5A of 12 Sheets

ITEM	ESTIMATE SECTION													
	B10	B11	B12.1	B12.2	B12.3									
	B11	B12.1	B12.2	B12.3	B12.3.1									
	22	23	23	23	23									
1. Section Length, miles (0.1)	2.7	1.8	2.0	0.8	0.6									
2. Class: Rural or Urban (R or U)	R	R	U	U	U									
3. Urban Area Identification (name and code)			359#	359#	359#									
4. Location: Existing, new or toll (E, N or T)	E	N	N	N	N									
5. Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1									
6. Design speed (V)														
7. Traffic: a. ADT 1970														
b. ADT 1975														
c. ADT 1990														
d. ADT 2000														
8. Traffic: a. Design Year (19)	COINCIDENT MILEAGE WITH I 15 SEE I 15 FOR DATA													
b. ADT Design Year														
c. DHV Design Year														
d. D Directional distribution factors														
e. T Percent trucks design year (DHV)														
f. T Percent trucks design year (ADT)														
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)														
10. Mileage without frontage roads														
11. Mileage with frontage roads one side only														
12. Mileage with frontage roads on both sides														
13. Typical cross-section reference														
14. Right-of-Way Width: Minimum														
Prevailing														
15. Median Width: Minimum														
Prevailing														

Butte

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 90
 Sheet 6 of 12 Sheets

ITEM	ESTIMATE SECTION													
	B10	B12.3.1	B12.3.2	B13.0.1	B13.0.2	B14.1	B14.2	B15	B16	B17.1	B18	C1	C2	C3.1.1
	B12.3.1	B12.3.2	B13.0.1	B13.0.2	B14.1	B14.2	B15	B16	B17.1	B18	C1	C2	C3.1.1	C3.1.2
		23	23	23	23	23	23	23	20	23	23	21	20	20
1. Section Length, miles (0.1)		3.1	2.6	2.3	4.7	2.4	7.1	2.5	4.9	10.4	4.6	2.4	3.1	1.2
2. Class: Rural or Urban (R or U)		R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area Identification (name and code)														
4. Location: Existing, new or toll (E, N or T)		N	N	N	N	N	N	N	E	N	N	N	N	N
5. Mileage increment: Code 1, 2, 3 or 4		1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)		60	50	50	50	60	60	70	70	50	60	60	70	70
7. Traffic: a. ADT 1970	SEE ROUTE 15 COINCIDENT MILEAGE	2631	2450	2450	2450	2450	2370	2283	2283	2130	2130	2130	2912	2912
b. ADT 1975		3800	3500	3500	3500	3500	3400	3250	3250	3050	3050	3050	4150	4150
c. ADT 1990		5150	4600	4600	4600	4600	4450	4300	4300	4000	4000	4000	5450	5450
d. ADT 2000		5900	5250	5250	5250	5250	5100	4900	4900	4600	4600	4600	6250	6250
8. Traffic: a. Design Year (19)		75	84	84	84	84	84	84	87	88	88	88	87	87
b. ADT Design Year		3800	4200	4200	4200	4200	4050	3900	4100	3900	3900	3900	5250	5250
c. DHV Design Year		500	550	550	550	550	530	520	540	510	510	510	690	690
d. D Directional distribution factors		55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)		11	11	11	11	11	11	12	12	12	12	12	11	11
f. T Percent trucks design year (ADT)		16	16	16	16	16	16	17	17	17	17	17	15	15
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)		4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads		1.4	2.6	0.8	4.7	0.5	4.6	2.5			4.1	2.4	2.1	1.2
11. Mileage with frontage roads one side only		1.7		1.5			2.5		3.4	10.0			1.0	
12. Mileage with frontage roads on both sides						1.9			1.5	0.4	0.5			
13. Typical cross-section reference		31	40	40	40	40	30	30	30	30	30	30	31	31
14. Right-of-Way Width: Minimum		260	260	400	290	240	310	270	250	260	300	310	250	300
Prevailing		360	340	400	350	300	360	360	340	300	320	320	320	300
15. Median Width: Minimum		8	8	8	8	8	76	76	46	10	76	76	76	76
Prevailing		76	81	81	81	81	76	76	46	76	76	76	76	76

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 90Sheet 7 of 12 Sheets

ITEM	ESTIMATE SECTION													
	C3.1.2	C4.2	C5.1	C5.2	C6	C6.1	C7.1	C7.2	C8.1	C8.2	C9	C10	C11	C11.1
	C4.2	C5.1	C5.2	C6	C6.1	C7.1	C7.2	C8.1	C8.2	C9	C10	C11	C11.1	C12.1
	23	23	23	23	23	23	23	23	22	22	22	23	23	23
1. Section Length, miles (0.1)	10.7	9.5	8.4	0.8	0.9	0.8	3.0	1.1	4.2	3.1	5.1	3.4	2.3	0.9
2. Class: Rural or Urban (R or U)	R	R	R	R	U*	U*	R	R	R	R	R	R	R	U*
3. Urban Area Identification (name and code)					358#	358#								362#
4. Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	E	E	E	N	N	N
5. Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	60	70	70	70	70	70	60	70	50	50	50	60	60	60
7. Traffic: a. ADT 1970	3537	3833	3833	1712	1712	4088	4088	4088	3165	3131	3248	3248	3248	2422
b. ADT 1975	5150	5550	5550	2500	2500	5950	5950	5950	4550	4500	4650	4650	4650	3450
c. ADT 1990	6950	7500	7500	3350	3350	8000	8000	8000	6000	5900	6100	6100	6100	4550
d. ADT 2000	7900	8600	8600	3850	3850	9150	9150	9150	6800	6750	7000	7000	7000	5200
8. Traffic: a. Design Year (19)	75	84	84	92	92	92	92	75	75	93	93	93	75	75
b. ADT Design Year	5150	6700	6700	3450	3450	8250	8250	5950	4550	6150	6350	6350	4650	3450
c. DHV Design Year	680	880	880	460	460	1090	1090	790	600	810	840	840	610	460
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	11	11	11	11	11	11	11	11	11	11	11	11	11	12
f. T Percent trucks design year (ADT)	15	15	15	15	15	16	16	16	16	16	16	16	16	17
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	7.2	5.0	5.2	0.8	0.5	0.2			4.2	2.4			0.7	0.9
11. Mileage with frontage roads one side only	3.5	4.5	3.2		0.4	0.6	3.0	1.1		0.7	5.1	3.4	1.6	
12. Mileage with frontage roads on both sides														
13. Typical cross-section reference	31	31	31	31	31	31	31	30	42	30	30	30	30	30
14. Right-of-Way Width: Minimum	300	300	300	220	220	220	220	300	300	320	280	280	300	300
Prevailing	300	300	300	270	270	270	270	300	300	380	500	500	300	300
15. Median Width: Minimum	76	76	76	36	36	36	36	10	10	76	76	76	46	46
Prevailing	76	76	76	36	36	36	36	10	10	76	76	76	46	46

Bozeman 358

Livingston 362

* Section is comparable to a corresponding section in the 1970 Estimate.

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 90

Sheet 8 of 12 Sheets

[illegible]

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 90Sheet 9 of 12 Sheets

ITEM	ESTIMATE SECTION													
	D5.3 D6	D6 D7.1	D7.1 D7.2	D7.2 D8	D8 D8.1	D8.1 D9	D9 D9.1	D9.1 D10.1	D10.1 D10.2	D10.2 D11	D11 D12	D12 D13.1	D13.1 D13.2	D13.2 D13.3
	22	23	22	23	23	23	23	23	23	23	23	23	23	22
1. Section Length, miles (0.1)	3.0	3.0	1.5	8.2	1.3	4.2	3.1	6.1	3.1	3.1	4.9	3.9	1.4	5.2
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area Identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	E	N	E	N	N	N	N	N	N	N	N	N	N	E
5. Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	70	70	50	60	60	60	60	70	70	70	70	70	70
7. Traffic: a. ADT 1970	2400	2405	2405	2531	3096	3096	3096	3096	3096	3350	3350	6986	6986	6986
b. ADT 1975	3450	3450	3450	3600	4450	4450	4450	4450	4450	4800	4800	10100	10100	10100
c. ADT 1990	4500	4500	4500	4750	5800	5800	5800	5800	5800	6300	6300	13700	13700	13700
d. ADT 2000	5150	5150	5150	5450	6650	6650	6650	6650	6650	7200	7200	15650	15650	15650
8. Traffic: a. Design Year (19)	93	93	90	90	90	89	89	89	89	85	85	75	75	75
b. ADT Design Year	4700	4700	4500	4750	5800	5750	5750	5750	5750	5800	5800	10100	10100	10100
c. DHV Design Year	620	620	590	630	770	760	760	760	760	630	630	1100	1100	1100
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	60	60	60
e. T Percent trucks design year (DHV)	14	14	14	14	14	14	14	14	14	12	12	7	7	7
f. T Percent trucks design year (ADT)	20	20	20	20	20	20	20	20	20	17	17	10	10	10
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	1.0	1.8	0.1								1.3			
11. Mileage with frontage roads one side only	2.0	1.2	1.4	6.5	0.6	4.2	3.1	4.6	1.0	1.7	3.6		0.2	
12. Mileage with frontage roads on both sides				1.7	0.7			1.5	2.1	1.4		3.9	1.2	5.2
13. Typical cross-section reference	20	20	20	30	30	30	30	30	30	30	30	30	30	30
14. Right-of-Way Width: Minimum	250	250	260	210	300	300	300	300	300	300	300	300	300	300
Prevailing	350	350	350	500	300	300	300	300	300	300	300	300	300	300
15. Median Width: Minimum	38	38	76	76	76	76	46	46	46	46	50	50	50	50
Prevailing	38	38	76	76	76	76	46	46	46	46	50	50	50	50

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 90Sheet 10 of 12 Sheets

ITEM	ESTIMATE SECTION													
	D13.3 D14.0.1	D14.0.1 D14.0.2	D14.0.2 D14.0.3	D14.0.3 D15.1	D15.1 D15.2	D15.2 D15.3	D15.3 D16-M1	M1 M2	M2 M3	M3 M4	M4 M5	M5 M6	M6 M7	M7 M8,0.1
	22	23	23	23	23	23	23	23	23	23	23	23	23	21
1. Section Length, miles (0.1)	0.9	1.2	3.0	2.4	1.2	2.0	1.0	6.6	5.5	2.5	2.3	4.3	8.6	6.2
2. Class: Rural or Urban (R or U)	U*	U*	U*	U*	U*	U*	R	R	R	R	R	R	R	R
3. Urban Area Identification (name and code)	356#	356#	356#	356#	356#	356#								
4. Location: Existing, new or toll (E, N or T)	E	N	N	N	N	N	N	N	N	N	N	N	N	N
5. Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	70	70	70	60	70	70	50	50	70	60	60	60	60
7. Traffic: a. ADT 1970	6986	6986	2972	3596	3596	2479	2479	2056	2056	2064	2064	2064	2064	1997
b. ADT 1975	10100	10100	4500	5450	5450	3550	3550	2950	2950	2950	2950	2950	2950	2850
c. ADT 1990	13700	13700	6250	7550	7550	4650	4650	3850	3850	3900	3900	3900	3900	3750
d. ADT 2000	15650	15650	7250	8750	8750	5350	5350	4400	4400	4450	4450	4450	4450	4300
8. Traffic: a. Design Year (19)	75	75	84	84	84	85	85	88	90	90	90	90	90	88
b. ADT Design Year	10100	10100	5550	6700	6700	4300	4300	3750	3850	3900	3900	3900	3900	3650
c. DHV Design Year	1100	1100	600	720	720	460	460	500	510	510	510	510	510	480
d. D Directional distribution factors	60	60	60	60	60	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	7	7	7	7	7	7	7	11	11	11	11	11	11	11
f. T Percent trucks design year (ADT)	10	10	10	10	10	10	10	16	16	16	16	16	16	16
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads					0.9			3.0			2.3	3.0	5.4	
11. Mileage with frontage roads one side only		1.2	1.1	2.4	0.3			3.0	3.7	2.5		1.3	1.0	5.2
12. Mileage with frontage roads on both sides	0.9		1.9			2.0	1.0	.6	1.8				2.2	1.0
13. Typical cross-section reference	30	30	30	30	30	30	30	30	30	30	30	30	30	30
14. Right-of-Way Width: Minimum	300	300	300	300	300	300	300	310	375	375	375	300	300	300
Prevailing	300	300	300	300	300	300	300	340	400	400	400	430	430	300
15. Median Width: Minimum	50	50	50	50	50	50	50	46	76	76	76	76	76	76
Prevailing	50	50	50	50	50	50	50	76	76	76	76	176	176	76

Billings

* Section is comparable to a corresponding section in the 1970 Estimate.

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 90

Sheet 11 of 12 Sheets

ITEM	ESTIMATE SECTION													
	M8.0.1 M9	M9 M10	M10 M11	M11 M12	M12 M13	M13 M14	M14 M15	M15 M15.1	M15.1 M16	M16 M17	M17 M18	M18 M19	M19 M20	M20 M21
	23	22	22	22	22	22	22	22	23	23	23	23	23	23
1. Section Length, miles (0.1)	8.0	2.4	0.7	5.1	0.9	1.7	0.8	4.6	2.0	10.4	1.4	12.7	5.6	4.6
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area Identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	N	E	E	E	E	E	E	E	N	N	N	N	N	N
5. Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	70	70	70	70	70	70	70	70	70	70	70	70	70
7. Traffic: a. ADT 1970	2913	2913	2913	2582	2910	2910	2014	2014	1571	1571	1571	1290	1300	1300
b. ADT 1975	4150	4150	4150	3700	4150	4150	2900	2900	2250	2250	2250	1850	1850	1850
c. ADT 1990	5500	5500	5500	4850	5450	5450	3800	3800	2950	2950	2950	2400	2450	2450
d. ADT 2000	6250	6250	6250	5550	6250	6250	4350	4350	3400	3400	3400	2750	2800	2800
8. Traffic: a. Design Year (19)	88	88	75	93	75	91	75	92	92	92	92	93	93	93
b. ADT Design Year	5350	5350	4150	5050	4150	5550	2900	3900	3050	3050	3050	2550	2550	2550
c. DHV Design Year	710	710	550	670	550	730	380	510	400	400	400	340	350	350
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	9	9	9	9	9	9	12	12	12	12	12	12	12	12
f. T Percent trucks design year (ADT)	13	13	13	13	13	13	17	17	17	17	17	17	18	18
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads														
11. Mileage with frontage roads one side only	2.5				0.4	1.0			1.2	10.4	1.4	12.7	4.6	4.6
12. Mileage with frontage roads on both sides	5.5	2.4	0.7	5.1	0.5	0.7	0.8	4.6	0.8				1.0	
13. Typical cross-section reference	30	20	30	20	50	30	20	20	30	30	30	30	30	50&30
14. Right-of-Way Width: Minimum	270	270	300	240	300	300	370	320	320	300	300	300	300	300
Prevailing	300	300	300	240	300	300	370	320	320	400	400	400	500	500
15. Median Width: Minimum	56	56	56	56	26	56	38	38	38	32	32	68	128	38
Prevailing	56	56	56	56	26	56	38	38	68	68	68	128	128	68

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 90

Sheet 12 of 12 Sheets

ITEM	ESTIMATE SECTION										Subtotal		
											Rural	Urban	Total for Rte.
1. Section Length, miles (0.1)											528.4	15.3	543.7
2. Class: Rural or Urban (R or U)													
3. Urban Area Identification (name and code)													
4. Location: Existing, new or toll (E, N or T)													
5. Mileage increment: Code 1, 2, 3 or 4													
6. Design speed (V)													
7. Traffic: a. ADT 1970													
b. ADT 1975													
c. ADT 1990													
d. ADT 2000													
8. Traffic: a. Design Year (19)													
b. ADT Design Year													
c. DHV Design Year													
d. D Directional distribution factors													
e. T Percent trucks design year (DHV)													
f. T Percent trucks design year (ADT)													
g. Assigned Corridor ADT design year													
9. Number of through traffic lanes (Design yr trf)													
10. Mileage without frontage roads											137.8	4.5	142.3
11. Mileage with frontage roads one side only											269.6	6.0	275.6
12. Mileage with frontage roads on both sides											121.0	4.8	125.8
13. Typical cross-section reference													
14. Right-of-Way Width: Minimum													
Prevailing													
15. Median Width: Minimum													
Prevailing													

Signature: *Leona H. Chilton* State Highway Engineer July 16, 1971
State: _____ Name _____ Title _____ Date _____

H. N. Stewart Division Engineer July 16, 1971
FHWA: _____ Name _____ Title _____ Date _____

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90
Sheet 1 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	A1 A2.0.1	A2.0.1 A2.0.2	A2.0.2 A3.1	A3.1 A3.2	A3.2 A3.3	A3.3 A4	A4 A5.1	A5.1 A5.2	A5.2 A6	A6 A7	A7 A8.1	A8.1 A8.2.1	A8.2.1 A8.2.2	A8.2.2 A8.3
	22	22	22	22	22	22	22	22	22	23	23	23	22	23
Section Length, miles (0.1)	4.2	3.0	3.7	5.4	5.4	0.2	5.2	4.6	0.9	1.1	0.2	0.9	3.4	4.2
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Urban Area identification (name and code)														
Location: Existing, new or toll (E, N or T)	E	E	E	E	E	E	E	E	E	N	N	N	E	N
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	4	4	4	4	4	4	4	4	4	4	4	4	4	4
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement December 31, 1970	3a(3)	3a(3)	3a(3)	4a(1)	4a(1)	4a(1)	4a(3)	4a(3)	4a(1)	4a(1)	4a(1)	4a(1)	4a(3)	4a(3)
WORK CLASSIFICATION														
1. Preliminary Engineering														
2. Right-of-Way														
a. Right-of-Way and acquisition				36			31	140	35	38	11	26	84	145
b. Relocation payments								10	20	12	6	8		11
3. Clear & grub; demolition				138	138	5								
4. Utility adjustments							198	60	50	33	20	30	1	2
5. Grade & drain; minor structures				2,069	933	152	3,094	3,223	325	270		374	894	1,587
6. Subbase; base; surfacing; shoulders	759	550	652	1,372	1,382	50	1,318	1,160	256	286		181	654	602
7. R.R. grade separations														
8. Highway grade separations without ramps									196			156		
9. Interchanges				348	340	352	341	156		395			341	
10. Other bridges; tunnels							3,701	1,621		579	1,975			3,353
11. Walls				65				362						
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices	189	151	165	173	88	12	266	97	19	59	1	15	96	74
b. Motorist service signs														
c. Safety improvements on completed sections														
13. Roadside improvement														
a. Erosion Control				29	29	1	28	24	5	6		5	18	22
b. Landscaping				36	36	36	72	36		36			36	
c. Rest Areas		248				146		146						
d. Scenic overlooks														
14. All other items					245			350	68					8
15. Subtotal, lines 3 to 14	948	949	817	4,230	3,191	754	9,018	7,235	919	1,664	1,996	761	2,040	5,648
16. Construction Engineering & Contingencies, 10% of Line 15	95	95	82	423	319	75	902	723	92	166	200	76	204	565
17. Total Cost of Construction, Lines 15 & 16	1,043	1,044	899	4,653	3,510	829	9,920	7,958	1,011	1,830	2,196	837	2,244	6,213
18. Total Estimate Cost, line 1, 2 & 17	1,043	1,044	899	4,689	3,510	829	9,951	8,108	1,066	1,880	2,213	871	2,328	6,369

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90
Sheet 2 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	A8.3	A9.1	A9.2	A9.3	A10	A11	A12.1	A12.2	A12.3	A13.1	A13.3	A14	A15.0.1	A15.0.2
	A9.1	A9.2	A9.3	A10	A11	A12.1	A12.2	A12.3	A13.1	A13.3	A14	A15.0.1	A15.0.2	A16
	22	23	23	23	22	23	23	22	22	23	23	22	23	23
Section Length, miles (0.1)	1.4	2.3	1.2	1.8	3.9	5.7	2.1	2.0	1.7	1.5	4.3	3.7	1.1	1.7
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Urban Area identification (name and code)														
Location: Existing, new or toll (E, N or T)	E	N	N	N	E	N	N	E	E	N	N	E	N	N
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	2	2							2	2	2	2		2
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement December 31, 1970	2a(2)f	2a(2)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	2a(2)f	2a(2)f	2a(2)f	2a(2)f	1a(1)f	2a(2)f
WORK CLASSIFICATION														
1. Preliminary Engineering			1	1	1	1	1	1					1	
2. Right-of-Way														
a. Right-of-Way and acquisition	20	41							11	9	23			19
b. Relocation payments														
3. Clear & grub; demolition									20	10	66	15		
4. Utility adjustments	82	163							7	6	14			2
5. Grade & drain; minor structures	1,200	490							308	272	780	645		348
6. Subbase; base; surfacing; shoulders	172	229							157	117	322	340		126
7. R.R. grade separations										624	122			
8. Highway grade separations without ramps		61												
9. Interchanges	122										456			
10. Other bridges; tunnels	3,121	753								1,101	946			
11. Walls	531													
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices	60	21							21	28	90	71		32
b. Motorist service signs														
c. Safety improvements on completed sections			22	5	10	13	2	22					25	
13. Roadside improvement														
a. Erosion Control	7	9							7	6	17	14		7
b. Landscaping											72			
c. Rest Areas														
d. Scenic overlooks														
14. All other items	300													
15. Subtotal, lines 3 to 14	5,595	1,726	22	5	10	13	2	22	520	2,164	2,885	1,085	25	515
16. Construction Engineering & Contingencies, 10% of Line 15	560	173	2	1	1	1	0	2	52	216	289	108	3	51
17. Total Cost of Construction, Lines 15 & 16	6,155	1,899	24	6	11	14	2	24	572	2,380	3,174	1,193	28	566
18. Total Estimate Cost, line 1, 2 & 17	6,175	1,940	25	7	12	15	3	25	583	2,389	3,197	1,193	29	585

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90
Sheet 3 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	A16	A17	A18	A19	A22.1	A22.2	A23.0.1	A23.0.2	A24.1	A24.2	A24.3	A25	A25.1	A25.2
	A17	A18	A19	A22.1	A22.2	A23.0.1	A23.0.2	A24.1	A24.2	A24.3	A25	A25.1	A25.2	A26
	23	22	22	22	23	22	22	22	23	23	23	23	23	23
Section Length, miles (0.1)	2.2	0.9	1.1	2.6	2.1	2.6	2.2	3.3	2.0	5.8	1.5	0.5	0.3	1.5
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	U	R	U
Urban Area identification (name and code)												363#		363#
Location: Existing, new or toll (E, N or T)	N	E	E	E	N	E	E	E	N	N	N	N	N	N
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	2	2	2		0	0	0	0						
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement December 31, 1970	2a(2)f	2a(2)f	2a(2)f	1a(1)f	3a(2)	3a(2)	3a(2)	3a(2)	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering				5				1	1	1	1	1	2	4
2. Right-of-Way														
a. Right-of-Way and acquisition	19	10	9				174							21
b. Relocation payments														
3. Clear & grub; demolition														
4. Utility adjustments	2	2	2											
5. Grade & drain; minor structures	745	111	212											
6. Subbase; base; surfacing; shoulders	155	66	80											
7. R.R. grade separations														
8. Highway grade separations without ramps		79												
9. Interchanges	299													
10. Other bridges; tunnels			1,067											
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices	27	14	17											
b. Motorist service signs														
c. Safety improvements on completed sections				78				23	23	76	19	3	38	64
13. Roadside improvement														
a. Erosion Control	8	3	4											
b. Landscaping	36													
c. Rest Areas														
d. Scenic overlooks														
14. All other items	22	88												
15. Subtotal, lines 3 to 14	1,294	363	1,382	78			0	23	23	76	19	3	38	64
16. Construction Engineering & Contingencies, 10% of Line 15	129	36	138	8			0	2	2	8	2	1	4	6
17. Total Cost of Construction, Lines 15 & 16	1,423	399	1,520	86			0	25	25	84	21	4	42	70
18. Total Estimate Cost, line 1, 2 & 17	1,442	409	1,529	91			174	26	26	85	22	5	44	95

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90
Sheet 4 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	A26 A27.1	A27.1 A27.2	A27.2 A28.2	A28.2 A29.1	A29.1 A30.0.1	A30.0.1 A30.0.2	A30.0.2 A31	A31 A32	A32 A33	A33 A34.0.1	A34.0.1 A34.0.2	A34.0.2 A34.0.3	A34.0.3 A35	A35 A36
	23	23	23	22	22	22	21	21	23	21	23	20	23	20
Section Length, miles (0.1)	1.7	2.8	9.2	8.9	3.3	3.1	2.6	5.0	4.6	3.0	3.2	0.7	2.8	3.7
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Urban Area identification (name and code)														
Location: Existing, new or toll (E, N or T)	N	N	N	E	E	E	E	N	N	N	N	N	N	N
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement December 31, 1970	1a(1)f	1a(1)f	1a(1)f	3a(2)	3a(2)	3a(2)	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering	9	2	7								3	1	1	
2. Right-of-Way														
a. Right-of-Way and acquisition					280	50	45	80	60	60				
b. Relocation payments					13									
3. Clear & grub; demolition														
4. Utility adjustments					81									
5. Grade & drain; minor structures														
6. Subbase; base; surfacing; shoulders														
7. R.R. grade separations														
8. Highway grade separations without ramps					228									
9. Interchanges	22										22		22	
10. Other bridges; tunnels														
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices														
b. Motorist service signs														
c. Safety improvements on completed sections	153	42	114								46	21	7	
13. Roadside improvement														
a. Erosion Control														
b. Landscaping														
c. Rest Areas				248					248					
d. Scenic overlooks														
14. All other items														
15. Subtotal, lines 3 to 14	175	42	114	248	309	-	-	-	248	-	68	21	29	
16. Construction Engineering & Contingencies, 10% of Line 15	17	4	11	25	31	-	-	-	25	-	7	2	3	
17. Total Cost of Construction, Lines 15 & 16	192	46	125	273	340	-	-	-	273	-	75	23	32	
18. Total Estimate Cost, line 1, 2 & 17	201	48	132	273	633	50	45	80	333	60	78	24	33	

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90
Sheet 5 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	A36 A37	A37 A38	A38 B1	B1 B2.1	B2.1 B2.1.1	B2.1.1 B2.2	B2.2 B3	B3 B5.1	B5.1 B6	B6 B7	B7 B8	B8 B9	B9 B9.1	B9.1 B10
	23	22	23	22	23	23	23	23	23	23	23	23	22	20
Section Length, miles (0.1)	5.9	6.0	2.0	4.9	0.5	7.1	1.0	6.8	6.6	4.2	3.5	1.0	7.0	1.1
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Urban Area identification (name and code)														
Location: Existing, new or toll (E, N or T)	N	E	N	E	N	N	N	N	N	N	N	N	E	E
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate		4	4	4	2	2		4	4	4	0	0	0	0
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement December 31, 1970	1a(1)f	4a(1)	4a(3)	4a(3)	2a(2)f	2a(2)f	1a(1)f	4a(1)	4a(1)	4a(1)	1a(1)f	1a(1)f	1a(1)f	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering							1				2	1	1	1
2. Right-of-Way														
a. Right-of-Way and acquisition			112	162	54	17							91	
b. Relocation payments			20	30	93									
3. Clear & grub; demolition														
4. Utility adjustments			19	27	10	22								
5. Grade & drain; minor structures		1,645	1,191	1,858	48	433		1,329	2,319	226				
6. Subbase; base; surfacing; shoulders		995	362	731	47	662		1,230	1,240	978				
7. R.R. grade separations		314	1,330	1,071					763					
8. Highway grade separations without ramps		76			62	210		243						
9. Interchanges		349	218	821		153	22		860					
10. Other bridges; tunnels				151					99	173				
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices		160	55	99	5	69		81	118	37				
b. Motorist service signs														
c. Safety improvements on completed sections	23						20				40	16	15	17
13. Roadside improvement														
a. Erosion Control		32	11	26	2	27		36	35	22				
b. Landscaping		36	36	72		36			72					
c. Rest Areas		248												
d. Scenic overlooks														
14. All other items		55	36	36				50						
15. Subtotal, lines 3 to 14	23	3,910	3,258	4,892	174	1,612	42	2,969	5,506	1,436	40	16	15	17
16. Construction Engineering & Contingencies, 10% of Line 15	2	391	326	489	17	161	4	297	551	144	4	2	1	2
17. Total Cost of Construction, Lines 15 & 16	25	4,301	3,584	5,381	191	1,773	46	3,266	6,057	1,580	44	18	16	19
18. Total Estimate Cost, line 1, 2 & 17	26	4,301	3,716	5,573	338	1,790	47	3,266	6,057	1,580	46	19	108	20

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90
Sheet 5A of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE												
	B10	B11	B12.1	B12.2	B12.3								
	B11	B12.1	B12.2	B12.3	B12.3.1								
	22	23	23	23	23								
Section Length, miles (0.1)	2.7	1.8	2.0	0.8	0.6								
Class: Rural or Urban (R or U)	R	R	U	U	U								
Urban Area identification (name and code)			359#	359#	359#								
Location: Existing, new or toll (E, N or T)	E	N	N	N	N								
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1								
No. Lanes to be constructed this estimate	0	0	0	0	0								
No. Lanes to be improved this estimate	0	0	0	0	0								
No. through traffic lanes	4	4	4	4	4								
Status of improvement December 31, 1970	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f								
WORK CLASSIFICATION													
1. Preliminary Engineering													
2. Right-of-Way													
a. Right-of-Way and acquisition													
b. Relocation payments													
3. Clear & grub; demolition													
4. Utility adjustments													
5. Grade & drain; minor structures													
6. Subbase; base; surfacing; shoulders													
7. R.R. grade separations													
8. Highway grade separations without ramps													
9. Interchanges													
10. Other bridges; tunnels													
11. Walls													
12. Traffic control and safety improvements													
a. Guardrail; fencing; lighting; traffic control devices													
b. Motorist service signs													
c. Safety improvements on completed sections													
13. Roadside improvement													
a. Erosion Control													
b. Landscaping													
c. Rest Areas													
d. Scenic overlooks													
14. All other items													
15. Subtotal, lines 3 to 14													
16. Construction Engineering & Contingencies, 10% of Line 15													
17. Total Cost of Construction, Lines 15 & 16													
18. Total Estimate Cost, line 1, 2 & 17													

COINCIDENT MILEAGE WITH I 15
SEE I 15 FOR DATA

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90
Sheet 6 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	B12.3.1 B12.3.2	B12.3.2 B13.0.1	B13.0.1 B13.0.2	B13.0.2 B14.1	B14.1 B14.2	B14.2 B15	B15 B16	B16 B17.1	B17.1 B18	B18 C1	C1 C2	C2 C3.1.1	C3.1.1 C3.1.2	C3.1.2 C4.2
	23	23	23	23	23	23	23	20	23	23	21	20	20	23
Section Length, miles (0.1)	3.1	2.6	2.3	4.7	2.4	7.1	2.5	4.9	10.4	4.6	2.4	3.1	1.2	10.7
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Urban Area identification (name and code)														
Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	E	N	N	N	N	N	N
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement December 31, 1970	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering			7	14	1	4	1	1				1	1	7
2. Right-of-Way														
a. Right-of-Way and acquisition										14	8			
b. Relocation payments														
3. Clear & grub; demolition														
4. Utility adjustments														
5. Grade & drain; minor structures														
6. Subbase; base; surfacing; shoulders														
7. R.R. grade separations														
8. Highway grade separations without ramps														
9. Interchanges														
10. Other bridges; tunnels														
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices														
b. Motorist service signs														
c. Safety improvements on completed sections			117	246	23	73	11	3				1	5	129
13. Roadside improvement														
a. Erosion Control														
b. Landscaping														
c. Rest Areas														
d. Scenic overlooks														
14. All other items														
15. Subtotal, lines 3 to 14			117	246	23	73	11	3		-	-	1	5	129
16. Construction Engineering & Contingencies, 10% of Line 15			12	25	2	7	1	0		-	-	0	1	13
17. Total Cost of Construction, Lines 15 & 16			129	271	25	80	12	3		-	-	1	6	142
18. Total Estimate Cost, line 1, 2 & 17			136	285	26	84	13	4		14	8	2	7	149

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90
Sheet 7 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	C4.2	C5.1	C5.2	C6	C6.1	C7.1	C7.2	C8.1	C8.2	C9	C10	C11	C11.1	C12.1
	C5.1	C5.2	C6	C6.1	C7.1	C7.2	C8.1	C8.2	C9	C10	C11	C11.1	C12.1	C13
	23	23	23	23	23	23	23	22	22	22	23	23	23	23
Section Length, miles (0.1)	9.5	8.4	0.8	0.9	0.8	3.0	1.1	4.2	3.1	5.1	3.4	2.3	0.9	0.9
Class: Rural or Urban (R or U)	R	R	R	U	U	R	R	R	R	R	R	R	U	R
Urban Area identification (name and code)				358#	358#								362#	
Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	E	E	E	N	N	N	N
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	0	4	4	4	4	0	0	4	4	4	0	0	0
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement December 31, 1970	1a(1)f	1a(1)f	3a(2)	3a(2)	3a(2)	3a(2)	1a(1)f	1a(1)f	4a(1)	4a(1)	4a(1)	1a(1)f	1a(1)f	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering	3	1					2	3				1	4	1
2. Right-of-Way														
a. Right-of-Way and acquisition										174	140			
b. Relocation payments											16			
3. Clear & grub; demolition														
4. Utility adjustments										235	189			
5. Grade & drain; minor structures									1,638	2,033	572	12		
6. Subbase; base; surfacing; shoulders									463	452	534	19		
7. R.R. grade separations														
8. Highway grade separations without ramps										76	76			
9. Interchanges									341	335		22		
10. Other bridges; tunnels														
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices									55	93	37	12		
b. Motorist service signs														
c. Safety improvements on completed sections	60	22					29	46				14	61	7
13. Roadside improvement														
a. Erosion Control									16	27	18			
b. Landscaping									36	36				
c. Rest Areas	248								146		146			
d. Scenic overlooks												31		
14. All other items										73	36			
15. Subtotal, lines 3 to 14	308	22					29	46	2,695	3,360	1,608	110	61	7
16. Construction Engineering & Contingencies, 10% of Line 15	31	2					3	5	269	336	161	11	6	1
17. Total Cost of Construction, Lines 15 & 16	339	24					32	51	2,964	3,696	1,769	121	67	8
18. Total Estimate Cost, line 1, 2 & 17	342	25					34	54	2,964	3,870	1,925	122	71	9

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90
Sheet 8 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	C13 C14	C14 C15.1	C15.1 C15.2	C15.2 C15.3	C15.3 D1	D1 D2	D2 D3.1	D3.1 D3.2	D3.2 D4.1	D4.1 D4.2	D4.2 D5.1	D5.1 D5.2	D5.2 D5.3	D5.3 D6
	23	22	22	22	22	22	23	23	23	23	23	23	23	22
Section Length, miles (0.1)	3.5	3.4	9.1	3.3	0.6	13.1	4.0	6.0	3.2	9.8	1.0	0.3	1.8	3.0
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Urban Area identification (name and code)														
Location: Existing, new or toll (E, N or T)	N	E	E	E	E	E	N	N	N	N	N	N	N	E
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	0	2	0	4	4	4	4	0	0	0	0	0	2
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement December 31, 1970	1a(1)f	1a(1)f	2a(2)f	1a(1)f	2b(2)n	2b(2)n	4a(3)	4a(3)	3a(2)	3a(2)	2a(2)f	2a(2)f	1a(1)f	2a(2)f
WORK CLASSIFICATION														
1. Preliminary Engineering	1	2		5									1	
2. Right-of-Way														
a. Right-of-Way and acquisition			30		26	343	127	190	127	152		1	1	2
b. Relocation payments						13	21							
3. Clear & grub; demolition														
4. Utility adjustments			179		48	614	27	41	27			3	9	15
5. Grade & drain; minor structures		22	733		63	1,348	1,328	1,159						687
6. Subbase; base; surfacing; shoulders		33	836		88	2,100	558	909						272
7. R.R. grade separations														
8. Highway grade separations without ramps			76				435							
9. Interchanges			85		335	335	401	479						
10. Other bridges; tunnels			114				760	210	157					
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices		2	93		8	139	57	69						39
b. Motorist service signs														
c. Safety improvements on completed sections	15	34		88									14	
13. Roadside improvement														
a. Erosion Control					3	70	21	32						12
b. Landscaping					36	36	36	36						
c. Rest Areas						248				248				
d. Scenic overlooks														
14. All other items			175					109						36
15. Subtotal, lines 3 to 14	15	91	2,291	88	581	4,890	3,623	3,044	184	248		3	23	1,061
16. Construction Engineering & Contingencies, 10% of Line 15	1	9	229	9	58	489	362	304	18	25		1	2	106
17. Total Cost of Construction, Lines 15 & 16	16	100	2,520	97	639	5,379	3,985	3,348	202	273		4	25	1,167
18. Total Estimate Cost, line 1, 2 & 17	17	102	2,550	102	665	5,735	4,133	3,538	329	425		5	27	1,169

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90
Sheet 9 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	D6 D7.1	D7.1 D7.2	D7.2 D8	D8 D8.1	D8.1 D9	D9 D9.1	D9.1 D10.1	D10.1 D10.2	D10.2 D11	D11 D12	D12 D13.1	D13.1 D13.2	D13.2 D13.3	D13.3 D14.0.1
	23	22	23	23	23	23	23	23	23	23	23	23	22	22
Section Length, miles (0.1)	3.0	1.5	8.2	1.3	4.2	3.1	6.1	3.1	3.1	4.9	3.9	1.4	5.2	0.9
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	U
Urban Area identification (name and code)														356#
Location: Existing, new or toll (E, N or T)	N	E	N	N	N	N	N	N	N	N	N	N	E	E
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	2	0	0	0	0	0	0	0	0	0	0	0	0	0
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement December 31, 1970	2a(2)f	2a(2)f	3a(2)	3a(2)	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering									2	2	3	1	2	1
2. Right-of-Way														
a. Right-of-Way and acquisition	2	95	12							14	180			
b. Relocation payments														
3. Clear & grub; demolition														
4. Utility adjustments	15		23											
5. Grade & drain; minor structures	421												161	28
6. Subbase; base; surfacing; shoulders	274												244	42
7. R.R. grade separations	199													
8. Highway grade separations without ramps	48													
9. Interchanges	129			22										
10. Other bridges; tunnels	679													
11. Walls	203													
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices	67													
b. Motorist service signs														
c. Safety improvements on completed sections									27	40	60	13	38	2
13. Roadside improvement														
a. Erosion Control	12													
b. Landscaping	36													
c. Rest Areas							248							
d. Scenic overlooks														
14. All other items	22													
15. Subtotal, lines 3 to 14	2,105	-	23	22			248		27	40	60	13	443	72
16. Construction Engineering & Contingencies, 10% of Line 15	211	-	2	2			25		3	4	6	1	44	7
17. Total Cost of Construction, Lines 15 & 16	2,316	-	25	24			273		30	44	66	14	487	79
18. Total Estimate Cost, line 1, 2 & 17	2,318	95	37	24			273		32	60	249	15	489	80

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90
Sheet 10 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	D14.0.1 D14.0.2	D14.0.2 D14.0.3	D14.0.3 D15.1	D15.1 D15.2	D15.2 D15.3	D15.3 D16=M1	M1 M2	M2 M3	M3 M4	M4 M5	M5 M6	M6 M7	M7 M8.0.1	M8.0.1 M9
	23	23	23	23	23	23	23	23	23	23	23	23	23	23
Section Length, miles (0.1)	1.2	3.0	2.4	1.2	2.0	1.0	6.6	5.5	2.5	2.3	4.3	8.6	6.2	8.0
Class: Rural or Urban (R or U)	U	U	U	U	U	R	R	R	R	R	R	R	R	R
Urban Area identification (name and code)	356#	356#	356#	356#	356#									
Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	0	0	0	0	0	0	4	4	4	4	4	0	0
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement December 31, 1970.	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	3a(2)	3a(3)	3a(3)	3a(3)	4a(1)	4a(1)	3a(1)f	3a(2)
WORK CLASSIFICATION														
1. Preliminary Engineering	4	1	2	3	1	1								
2. Right-of-Way														
a. Right-of-Way and acquisition														
b. Relocation payments														
3. Clear & grub; demolition														
4. Utility adjustments														
5. Grade & drain; minor structures														
6. Subbase; base; surfacing; shoulders								824	365	336				
7. R.R. grade separations														
8. Highway grade separations without ramps														
9. Interchanges														44
10. Other bridges; tunnels														
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices								62	16	42				
b. Motorist service signs														
c. Safety improvements on completed sections	70	15	41	48	15	2								
13. Roadside improvement														
a. Erosion Control														
b. Landscaping														
c. Rest Areas											248			
d. Scenic overlooks														
14. All other items														
15. Subtotal, lines 3 to 14	70	15	41	48	15	2		886	381	378	248			44
16. Construction Engineering & Contingencies, 10% of Line 15	7	2	4	5	1	0		89	38	38	25			4
17. Total Cost of Construction, Lines 15 & 16	77	17	45	53	16	2		975	419	416	273			48
18. Total Estimate Cost, line 1, 2 & 17	81	18	47	56	17	3		975	419	416	273			48

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90
Sheet 11 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	M9	M10	M11	M12	M13	M14	M15	M15.1	M16	M17	M18	M19	M20	
	M10	M11	M12	M13	M14	M15	M15.1	M16	M17	M18	M19	M20	M21	
Section Length, miles (0.1)	22	22	22	22	22	22	22	23	23	23	23	23	23	23
Class: Rural or Urban (R or U)	2.4	0.7	5.1	0.9	1.7	0.8	4.6	2.0	10.4	1.4	12.7	4.6	5.4	
Urban Area identification (name and code)	R	R	R	R	R	R	R	R	R	R	R	R	R	
Location: Existing, new or toll (E, N or T)	E	E	E	E	E	E	E	N	N	N	N	N	N	
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	
No. Lanes to be constructed this estimate	0	0	0	0	0	0	2	2	4	4	4	4	4	
No. Lanes to be improved this estimate	0	4	0	0	0	0	0	0	0	0	0	0	0	
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	
Status of improvement December 31, 1970	2a(3)f	1a(1)f	2a(2)f	1a(1)f	1a(1)f	2a(2)f	2a(2)p	4a(3)	4a(3)	4a(3)	4a(3)	4a(3)	4a(3)	
WORK CLASSIFICATION														
1. Preliminary Engineering		1		1	1									
2. Right-of-Way														
a. Right-of-Way and acquisition						1	5	94	314	64	107	100	66	
b. Relocation payments								5	16	3				
3. Clear & grub; demolition														
4. Utility adjustments						16	62	1	4	1	1	4	3	
5. Grade & drain; minor structures					18	92	607	356	3,526	312	2,086	1,095	1,206	
6. Subbase; base; surfacing; shoulders					65	125	674	367	1,706	230	1,934	942	893	
7. R.R. grade separations														
8. Highway grade separations without ramps								139	152		354		278	
9. Interchanges							341			312		335		
10. Other bridges; tunnels						240		168			181			
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices					2	11	39	15	136	45	115	43	109	
b. Motorist service signs														
c. Safety improvements on completed sections		16		13	24									
13. Roadside improvement														
a. Erosion Control						3	18	11	55	7	62	30	29	
b. Landscaping							36			36		36		
c. Rest Areas									248				146	
d. Scenic overlooks														
14. All other items									182		146	146	36	
15. Subtotal, lines 3 to 14		16		13	109	487	1,777	1,057	6,009	943	4,879	2,631	2,700	
16. Construction Engineering & Contingencies, 10% of Line 15		2		1	11	49	178	106	601	94	488	263	270	
17. Total Cost of Construction, Lines 15 & 16		18		14	120	536	1,955	1,163	6,610	1,037	5,367	2,894	2,970	
18. Total Estimate Cost, line 1, 2 & 17		19		15	121	537	1,960	1,262	6,940	1,104	5,474	2,994	3,036	

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 90
Sheet 12 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE										SUBTOTAL		
											RURAL	URBAN	TOTAL FOR RTE.
Section Length, miles (0.1)											528.4	15.3	543.7
Class: Rural or Urban (R or U)													
Urban Area identification (name and code)													
Location: Existing, new or toll (E, N or T)													
Mileage increment: Code 1, 2, 3 or 4													
No. Lanes to be constructed this estimate													
No. Lanes to be improved this estimate													
No. through traffic lanes													
Status of improvement December 31, 1970													
WORK CLASSIFICATION													
1. Preliminary Engineering											117	23	140
2. Right-of-Way													
a. Right-of-Way and acquisition											4,281	21	4,302
b. Relocation payments											297		297
3. Clear & grub; demolition											392		392
4. Utility adjustments											2,350		2,350
5. Grade & drain; minor structures											46,556	28	46,584
6. Subbase; base; surfacing; shoulders											32,474	42	32,516
7. R.R. grade separations											4,423		4,423
8. Highway grade separations without ramps											2,945		2,945
9. Interchanges											9,155		9,155
10. Other bridges; tunnels											21,149		21,149
11. Walls											1,161		1,161
12. Traffic control and safety improvements													
a. Guardrail; fencing; lighting; traffic control devices											3,716		3,716
b. Motorist service signs													
c. Safety improvements on completed sections											2,002	357	2,359
13. Roadside improvement													
a. Erosion Control											866		866
b. Landscaping											1,008		1,008
c. Rest Areas											3,210		3,210
d. Scenic overlooks											31		31
14. All other items											2,219		2,219
15. Subtotal, lines 3 to 14											133,657	427	134,084
16. Construction Engineering & Contingencies, 10% of Line 15											13,365	43	13,408
17. Total Cost of Construction, Lines 15 & 16											147,022	470	147,492
18. Total Estimate Cost, line 1, 2 & 17											151,717	514	152,231

Signature Louis H. Chilton State Highway Engineer July 16, 1971
 State: _____ Name _____ Title _____ Date _____

H. M. Stewart Division Engineer July 16, 1971
 FHWA: _____ Name _____ Title _____ Date _____

INTERSTATE ROUTE NO. 90
Sheet 1 of 12 Sheets

INTERSTATE ROUTE NO. 90
Sheet 1 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE																											
	A1	A2.0.1	A2.0.1	A2.0.2	A3.1	A3.2	A3.3	A4	A5.1	A5.2	A6	A7	A8.1	A8.2.1	A8.2.2													
	A2.0.1	A2.0.2	A3.1	A3.2	A3.3	A4	A5.1	A5.2	A6	A7	A8.1	A8.2.1	A8.2.2	A8.3														
	22	22	22	22	22	22	22	22	22	23	23	23	22	23														
Section length, miles (0.1)	4.2	3.0	3.7	5.4	5.4	0.2	5.2	4.6	0.9	1.1	0.2	0.9	3.4	4.2														
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R														
Urban Area identification (name and code)																												
Location: Existing, new or toll (E, N or T)	E	E	E	E	E	E	E	E	E	N	N	N	E	N														
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
No. Lanes to be constructed this estimate	4	4	4	4	4	4	4	4	4	4	4	4	4	4														
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4														
Status of improvement, December 31, 1970	4a(1)	4a(1)	4a(1)	4a(1)	4a(1)	4a(1)	4a(3)	4a(3)	4a(1)	4a(1)	4a(1)	4a(1)	4a(3)	4a(3)														
ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS AND STRUCTURES																												
Item No. From Table C	WORK CLASSIFICATION																											
	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str
7. R.R. grade separation - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero																												
d. No. in authorized status - cost = zero	1	2	1	2																								
8. Highway grade separations without ramps - Cost																												
a. No. to be constructed																	1	1						1	2			
Cost																	196							156				
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero																												
d. No. in authorized status - cost = zero			1	2																								
9. Interchanges - Cost																												
a. No. to be constructed							1	2	1	2	1	2	1	2	1	1			1	2					1	2		
Cost							348	340	352	341	156				395										341			
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero																												
d. No. in authorized status - cost = zero	1	1	1	2	1	2																						
10. Other bridges and tunnels - Cost																												
a. No. to be constructed													5	7	4	6			1	4	1	2				1	2	
Cost													3,701	1,621				579	1,975							3,353		
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero																												
d. No. in authorized status - cost = zero					1	2	1	2																				
ESTIMATED COSTS (\$1,000) AND NUMBER OF REST AREAS																												
13c. Rest Areas - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero																												
d. No. in authorized status - cost = zero																												

INTERSTATE ROUTE NO. 90
Sheet 2 of 12 Sheets

INTERSTATE ROUTE NO. 90
Sheet 2 of 12 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE																											
	A8.3 A9.1	A9.1 A9.2	A9.2 A9.3	A9.3 A10	A10 A11	A11 A12.1	A12.1 A12.2	A12.2 A12.3	A12.3 A13.1	A13.1 A13.3	A13.3 A14	A14 A15.0.1	A15.0.1 A15.0.2	A15.0.2 A16														
	22 1.4	23 2.3	23 1.2	23 1.8	22 3.9	23 5.7	23 2.1	22 2.0	22 1.7	23 1.5	23 4.3	22 3.7	23 1.1	23 1.7														
Section length, miles (0.1)	R	R	R	R	R	R	R	R	R	R	R	R	R	R														
Class: Rural or Urban (R or U)																												
Urban Area identification (name and code)	E	N	N	N	E	N	N	E	E	N	N	E	N	N														
Location: Existing, new or toll (E, N or T)	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
Mileage increment: Code 1, 2, 3 or 4	2	2							2	2	2	2		2														
No. Lanes to be constructed this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
No. Lanes to be improved this estimate	4	4	4	4	4	4	4	4	4	4	4	4	4	4														
No. through traffic lanes	2a(2)f	2a(2)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	2a(2)f	2a(2)f	2a(2)f	2a(2)f	1a(1)f	2a(2)f														
Status of improvement, December 31, 1970																												
	ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS AND STRUCTURES																											
Item No. From Table C	WORK CLASSIFICATION																											
	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str
7. R.R. grade separation - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved																			2	4	1	2						
Cost																			624		122							
c. No. in service - cost = zero									3	4																		
d. No. in authorized status - cost = zero																												
8. Highway grade separations without ramps - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved			1	2																								
Cost			61																									
c. No. in service - cost = zero									1	2				1	2													
d. No. in authorized status - cost = zero																												
9. Interchanges - Cost																												
a. No. to be constructed	1	2																										
Cost	22																											
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero					1	2					1	2			1	2										1	1	
d. No. in authorized status - cost = zero																												
10. Other bridges and tunnels - Cost																												
a. No. to be constructed	1	2																										
Cost	3,121																											
b. No. in service or authorized - to be improved			1	2																								
Cost			753																									
c. No. in service - cost = zero								2	4			2	4															
d. No. in authorized status - cost = zero																												
	ESTIMATED COSTS (\$1,000) AND NUMBER OF REST AREAS																											
13c. Rest Areas - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero												2														2		
d. No. in authorized status - cost = zero																												

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ITEM	ESTIMATE SECTION & FINANCE CODE																											
	A26	A27.1	A27.2	A28.2	A29.1	A30.0.1	A30.0.2	A31	A32	A33	A34.0.1	A34.0.2	A34.0.3	A35	A36													
	A27.1	A27.2	A28.2	A29.1	A30.0.1	A30.0.2	A31	A32	A33	A34.0.1	A34.0.2	A34.0.3	A35	A36														
	23	23	23	22	22	22	21	21	23	21	23	20	23	20														
Section length, miles (0.1)	1.7	2.8	9.2	8.9	3.3	3.1	2.6	5.0	4.6	3.0	3.2	0.7	2.8	3.7														
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R														
Urban Area identification (name and code)																												
Location: Existing, new or toll (E, N or T)	N	N	N	E	E	E	E	N	N	N	N	N	N	N														
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
No. Lanes to be constructed this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4														
Status of improvement, December 31, 1970	1a(1)f	1a(1)f	1a(1)f	3a(2)	3a(2)	3a(2)	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f														
	ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS AND STRUCTURES																											
Item No. From Table C	WORK CLASSIFICATION																											
	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str
7. R.R. grade separation - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero					3	6																						
d. No. in authorized status - cost = zero																												
8. Highway grade separations without ramps - Cost									1	1																		
a. No. to be constructed																												
Cost									228																			
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero			1	2	2	4										1	2	1	1			1	2	1	2	2	4	
d. No. in authorized status - cost = zero																												
9. Interchanges - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved	1	2																			1	2			1	2		
Cost	22																				22				22			
c. No. in service - cost = zero			1	1	1	2									1	2												
d. No. in authorized status - cost = zero							2	2	1	2																		
10. Other bridges and tunnels - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero			2	4	1	2									5	6					1	2						
d. No. in authorized status - cost = zero																												
	ESTIMATED COSTS (\$1,000) AND NUMBER OF REST AREAS																											
13c. Rest Areas - Cost																												
a. No. to be constructed							2																					
Cost							248																					
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero																												
d. No. in authorized status - cost = zero																												

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ITEM	ESTIMATE SECTION & FINANCE CODE																											
	B12.3.1	B12.3.2	B13.0.1	B13.0.2	B14.1	B14.2	B15	B16	B17.1	B18	C1	C2	C3.1.1	C3.1.2														
	B12.3.2	B13.0.1	B13.0.2	B14.1	B14.2	B15	B16	B17.1	B18	C1	C2	C3.1.1	C3.1.2	C4.2														
	23	23	23	23	23	23	23	20	23	23	21	20	20	23														
Section length, miles (O.1)	3.1	2.6	2.3	4.7	2.4	7.1	2.5	4.9	10.4	4.6	2.4	3.1	1.2	10.7														
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R														
Urban Area identification (name and code)																												
Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	E	N	N	N	N	N	N														
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
No. Lanes to be constructed this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4														
Status of improvement, December 31, 1970	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f														
	ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS AND STRUCTURES																											
Item No. From Table C	WORK CLASSIFICATION																											
	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str
7. R.R. grade separation - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero									1	2															1	2	2	4
d. No. in authorized status - cost = zero																												
8. Highway grade separations without ramps - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero	1	1							1	2	1	1	1	2	1	2											1	2
d. No. in authorized status - cost = zero																												
9. Interchanges - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero	1	1			1	1			1	2	1	2			1	2			1	1					1	1		3 4
d. No. in authorized status - cost = zero																												
10. Other bridges and tunnels - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero															1	2										2	4	3 6
d. No. in authorized status - cost = zero																												
	ESTIMATED COSTS (\$1,000) AND NUMBER OF REST AREAS																											
13c. Rest Areas - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero																												
d. No. in authorized status - cost = zero																												

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ITEM	ESTIMATE SECTION & FINANCE CODE																											
	C4.2	C5.1	C5.2	C6	C6.1	C7.1	C7.2	C8.1	C8.2	C9	C10	C11	C11.1	C11.1	C12.1													
	C5.1	C5.2	C6	C6.1	C7.1	C7.2	C8.1	C8.2	C9	C10	C11	C11.1	C12.1	C13														
	23	23	23	23	23	23	23	22	22	22	23	23	23	23	23													
Section length, miles (O.I)	9.5	8.4	0.8	0.9	0.8	3.0	1.1	4.2	3.1	5.1	3.4	2.3	0.9	0.9														
Class: Rural or Urban (R or U)	R	R	R	U	U	R	R	R	R	R	R	R	U	R														
Urban Area identification (name and code)				358#	358#								362#															
Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	E	E	E	N	N	N	N														
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
No. Lanes to be constructed this estimate	0	0	4	4	4	4	0	0	4	4	4	0	0	0														
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4														
Status of improvement, December 31, 1970	1a(1)f	1a(1)f	3a(2)	3a(2)	3a(2)	3a(2)	1a(1)f	1a(1)f	4a(1)	4a(1)	4a(1)	1a(1)f	1a(1)f	1a(1)f														
	ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS AND STRUCTURES																											
Item No. From Table C	WORK CLASSIFICATION																											
	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str
7. R.R. grade separation - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero												1	2															
d. No. in authorized status - cost = zero					2	4	1	1	1	2																		
8. Highway grade separations without ramps - Cost																												
a. No. to be constructed																			1	2	1	2						
Cost																			76		76							
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero	2	4	1	2											1	2												
d. No. in authorized status - cost = zero					1	2					1	2																
9. Interchanges - Cost																												
a. No. to be constructed																		1	2	1	2							
Cost																			341		139							
b. No. in service or authorized - to be improved																							1	2				
Cost																								22				
c. No. in service - cost = zero	1	1	1	1								1	2												1	2		
d. No. in authorized status - cost = zero									1	2																		
10. Other bridges and tunnels - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero	3	6																								1	2	
d. No. in authorized status - cost = zero																												
	ESTIMATED COSTS (\$1,000) AND NUMBER OF REST AREAS																											
13c. Rest Areas - Cost																												
a. No. to be constructed	2																	1				1						
Cost	248																		146				146					
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero																												
d. No. in authorized status - cost = zero																												

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ITEM	ESTIMATE SECTION & FINANCE CODE																											
	D6	D7.1	D7.2	D8	D8.1	D9	D9.1	D10.1	D10.2	D11	D12	D13.1	D13.2	D13.3														
	D7.1	D7.2	D8	D8.1	D9	D9.1	D10.1	D10.2	D11	D12	D13.1	D13.2	D13.3	D14.0.1														
	23	22	23	23	23	23	23	23	23	23	23	23	22	22														
Section length, miles (0.1)	3.0	1.5	8.2	1.3	4.2	3.1	6.1	3.1	3.1	4.9	3.9	1.4	5.2	0.9														
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	U														
Urban Area identification (name and code)														356#														
Location: Existing, new or toll (E, N or T)	N	E	N	N	N	N	N	N	N	N	N	N	E	E														
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
No. Lanes to be constructed this estimate	2	0	0	0	0	0	0	0	0	0	0	0	0	0														
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4														
Status of improvement, December 31, 1970	2a(2)f	2a(2)f	3a(2)	3a(2)	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f														
ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS AND STRUCTURES																												
Item No. From Table C	WORK CLASSIFICATION																											
	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str
7. R.R. grade separation - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved	1	2																										
Cost	199																											
c. No. in service - cost = zero																			1	2								
d. No. in authorized status - cost = zero																												
8. Highway grade separations without ramps - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved	1	2																										
Cost	48								1	1			4	8	1	2	1	2	2	3	1	1			2	3		
c. No. in service - cost = zero																												
d. No. in authorized status - cost = zero			1	2	1	1																						
9. Interchanges - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved	1	2					1	2																				
Cost	129						22																					
c. No. in service - cost = zero																		1	2			2	4					
d. No. in authorized status - cost = zero					1	2																						
10. Other bridges and tunnels - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved	1	2																										
Cost	679																											
c. No. in service - cost = zero												1	2	1	2	1	3								1	2	1	2
d. No. in authorized status - cost = zero			1	2	1	2																						
ESTIMATED COSTS (\$1,000) AND NUMBER OF REST AREAS																												
13c. Rest Areas - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero																												
d. No. in authorized status - cost = zero																												

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ITEM	ESTIMATE SECTION & FINANCE CODE																																	
	D14.0.1	D14.0.2	D14.0.3	D15.1	D15.2	D15.3	M1	M2	M3	M4	M5	M6	M7	M8.0.1	M8.0.1																			
	D14.0.2	D14.0.3	D15.1	D15.2	D15.3	D16-M1	M2	M3	M4	M5	M6	M7	M8.0.1	M9																				
	23	23	23	23	23	23	23	23	23	23	23	23	21	23																				
Section length, miles (0.1)	1.2	3.0	2.4	1.2	2.0	1.0	6.6	5.5	2.5	2.3	4.3	8.6	6.2	8.0																				
Class: Rural or Urban (R or U)	U	U	U	U	U	R	R	R	R	R	R	R	R	R																				
Urban Area identification (name and code)	356#	356#	356#	356#	356#																													
Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	N	N	N	N																				
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1																				
No. Lanes to be constructed this estimate	0	0	0	0	0	0	0	4	4	4	4	4	0	0																				
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0																				
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4																				
Status of improvement, December 31, 1970	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	3a(2)	3a(3)	3a(3)	3a(3)	4a(1)	4a(1)	3a(1)f	3a(2)																				
ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS AND STRUCTURES																																		
Item No. From Table C	WORK CLASSIFICATION														Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str
7. R.R. grade separation - Cost																																		
a. No. to be constructed																																		
Cost																																		
b. No. in service or authorized - to be improved																																		
Cost																																		
c. No. in service - cost = zero																																		
d. No. in authorized status - cost = zero																																		
8. Highway grade separations without ramps - Cost																																		
a. No. to be constructed																																		
Cost																																		
b. No. in service or authorized - to be improved																																		
Cost																																		
c. No. in service - cost = zero																																		
d. No. in authorized status - cost = zero																																		
9. Interchanges - Cost																																		
a. No. to be constructed																																		
Cost																																		
b. No. in service or authorized - to be improved																																		
Cost																																		
c. No. in service - cost = zero																																		
d. No. in authorized status - cost = zero																																		
10. Other bridges and tunnels - Cost																																		
a. No. to be constructed																																		
Cost																																		
b. No. in service or authorized - to be improved																																		
Cost																																		
c. No. in service - cost = zero																																		
d. No. in authorized status - cost = zero																																		
ESTIMATED COSTS (\$1,000) AND NUMBER OF REST AREAS																																		
13c. Rest Areas - Cost																																		
a. No. to be constructed																																		
Cost																																		
b. No. in service or authorized - to be improved																																		
Cost																																		
c. No. in service - cost = zero																																		
d. No. in authorized status - cost = zero																																		

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**TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND REST AREAS
BY ESTIMATE SECTIONS WITH ROUTE TOTALS**

STATE Montana

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ITEM	SUBTOTAL			ESTIMATE SECTION & FINANCE CODE																SUBTOTAL								
	RURAL	URBAN	TOTAL FOR RTE.																					RURAL	URBAN	TOTAL FOR RTE.		
Section length, miles (0.1)	528.4	15.3	543.7																					528.4	15.3	543.7		
Class: Rural or Urban (R or U)																												
Urban Area identification (name and code)																												
Location: Existing, new or toll (E, N or T)																												
Mileage increment: Code 1, 2, 3 or 4																												
No. Lanes to be constructed this estimate																												
No. Lanes to be improved this estimate																												
No. through traffic lanes																												
Status of improvement, December 31, 1970																												
ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS AND STRUCTURES																												
Item No. From Table C	WORK CLASSIFICATION		Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str
7. R.R. grade separation - Cost																												
a. No. to be constructed			4	8			4	8																				
Cost			3478				3478																					
b. No. in service or authorized - to be improved			4	8			4	8																				
Cost			945				945																					
c. No. in service - cost = zero			15	28	1	2	16	30																				
d. No. in authorized status - cost = zero			6	12	2	3	8	15																				
8. Highway grade separations without ramps - Cost																												
a. No. to be constructed			19	33			19	33																				
Cost			2485				2485																					
b. No. in service or authorized - to be improved			7	14			7	14																				
Cost			460				460																					
c. No. in service - cost = zero			41	74	3	4	44	78																				
d. No. in authorized status - cost = zero			15	28			15	28																				
9. Interchanges - Cost																												
a. No. to be constructed			24	44			24	44																				
Cost			7942				7942																					
b. No. in service or authorized - to be improved			12	20			12	20																				
Cost			1213				1213																					
c. No. in service - cost = zero			39	61	6	13	45	74																				
d. No. in authorized status - cost = zero			14	21	1	2	15	23																				
10. Other bridges and tunnels - Cost																												
a. No. to be constructed			22	42			22	42																				
Cost			16081				16081																					
b. No. in service or authorized - to be improved			8	20			8	20																				
Cost			5068				5068																					
c. No. in service - cost = zero			31	59	3	7	34	66																				
d. No. in authorized status - cost = zero			8	16			8	16																				
ESTIMATED COSTS (\$1,000) AND NUMBER OF REST AREAS																												
13c. Rest Areas - Cost																												
a. No. to be constructed			25				25																					
Cost			3210				3210																					
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero			5				5																					
d. No. in authorized status - cost = zero																												

Signature: Louis M. Chittenden State Highway Engineer July 16, 1971
 State: _____ Name: _____ Title: _____ Date: _____

Signature: H. N. Stewart Division Engineer July 16, 1971
 FHWA: _____ Name: _____ Title: _____ Date: _____

I 90-1 (46) 11-R

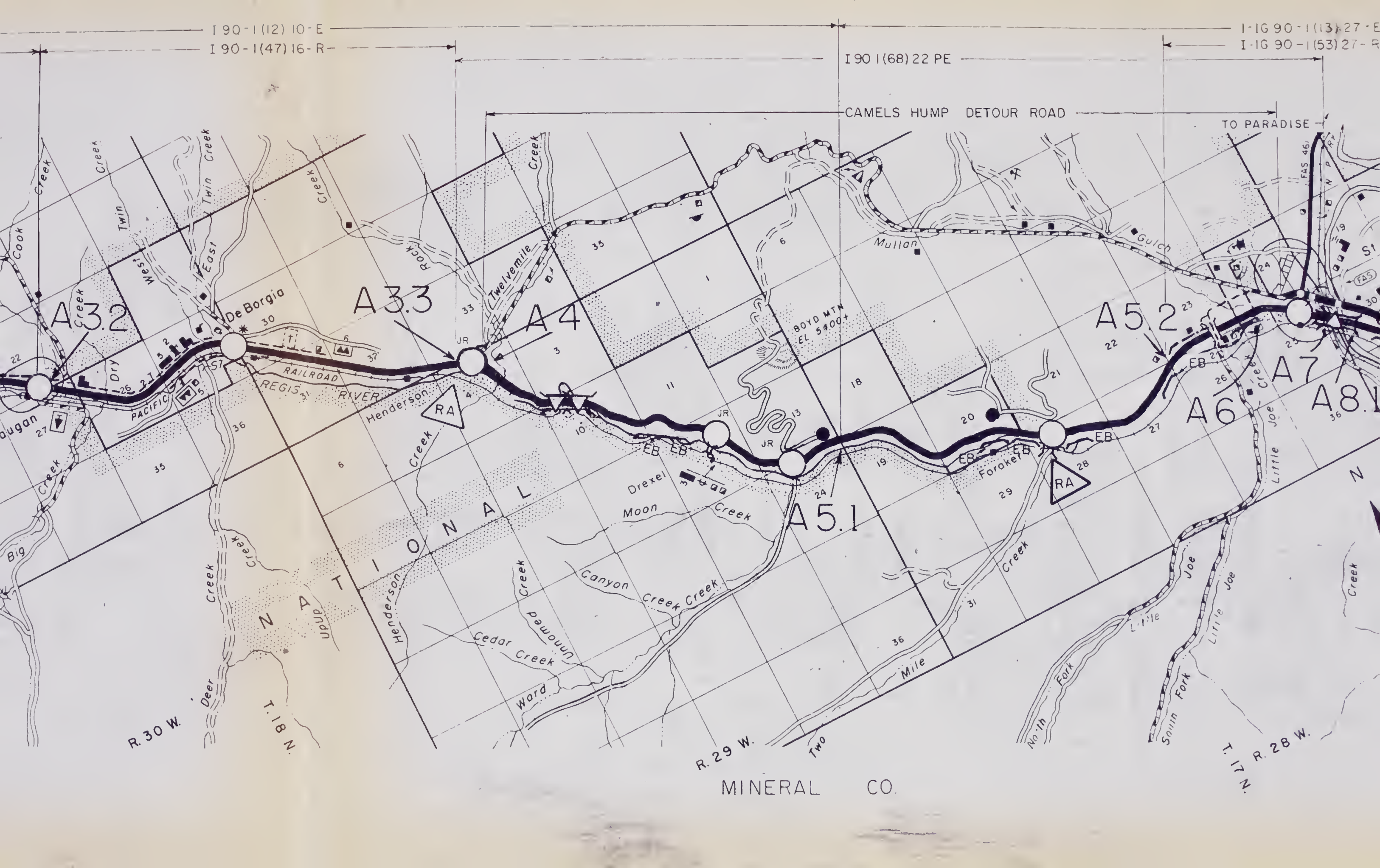
- I-IG-90-1(63)0 (Clearing)

- I-90-1 (48)0 Gr PMB Sn Sd 4 2 Mi

I 90-1(64) 4 (Clearing)

I-IG-90-1(49)4 (6.7 Gr, PMB, Str, Fen, Sign, Seed)







I-IG 90-1(13) 27-E

I-IG 90-1(53) 27-R

I-90-1(1) 43-E-R

I-90-1(6) 43-C (6.7 mi PMO)

I-90-1(15) 43-C (Signing)

I-90-1(16) 43-C (Seeding)

I-90-1(40) 43-E

I-90-1(5) 46-C (Structures)

I-90-1(6) 43-U2-C (Structures)

I-90-1(36) 48 U1-C Rd. Sign

I-90-1(36) 48 U2 Str

TO PARADISE

A8.2

A8.2.2

A8.3

A9.1

A9.2

A9.3

A10

N

T. 17 N.
R. 28 W.

R. 27 W.

T. 16 N.
R. 27 W.

SUPERIOR
POP 626

Cold Creek

Marble Creek

Bouchard Lake

Dry Creek

Murphy Creek

Spring Gulch

FAS 262

JR GR

Thompson Creek

Whitemarsh Gulch

Cedar Creek

Deerlick Creek

Welch Creek

Kelly Creek

Shaw Creek

Pardee Creek

Flat Creek

Idaho Creek

John Creek

John Creek

John Creek

John Creek

John Creek

John Creek

John Creek

John Creek

John Creek

John Creek

John Creek

John Creek

John Creek

John Creek

John Creek

John Creek

John Creek

John Creek

John Creek

John Creek

John Creek

John Creek

John Creek

John Creek

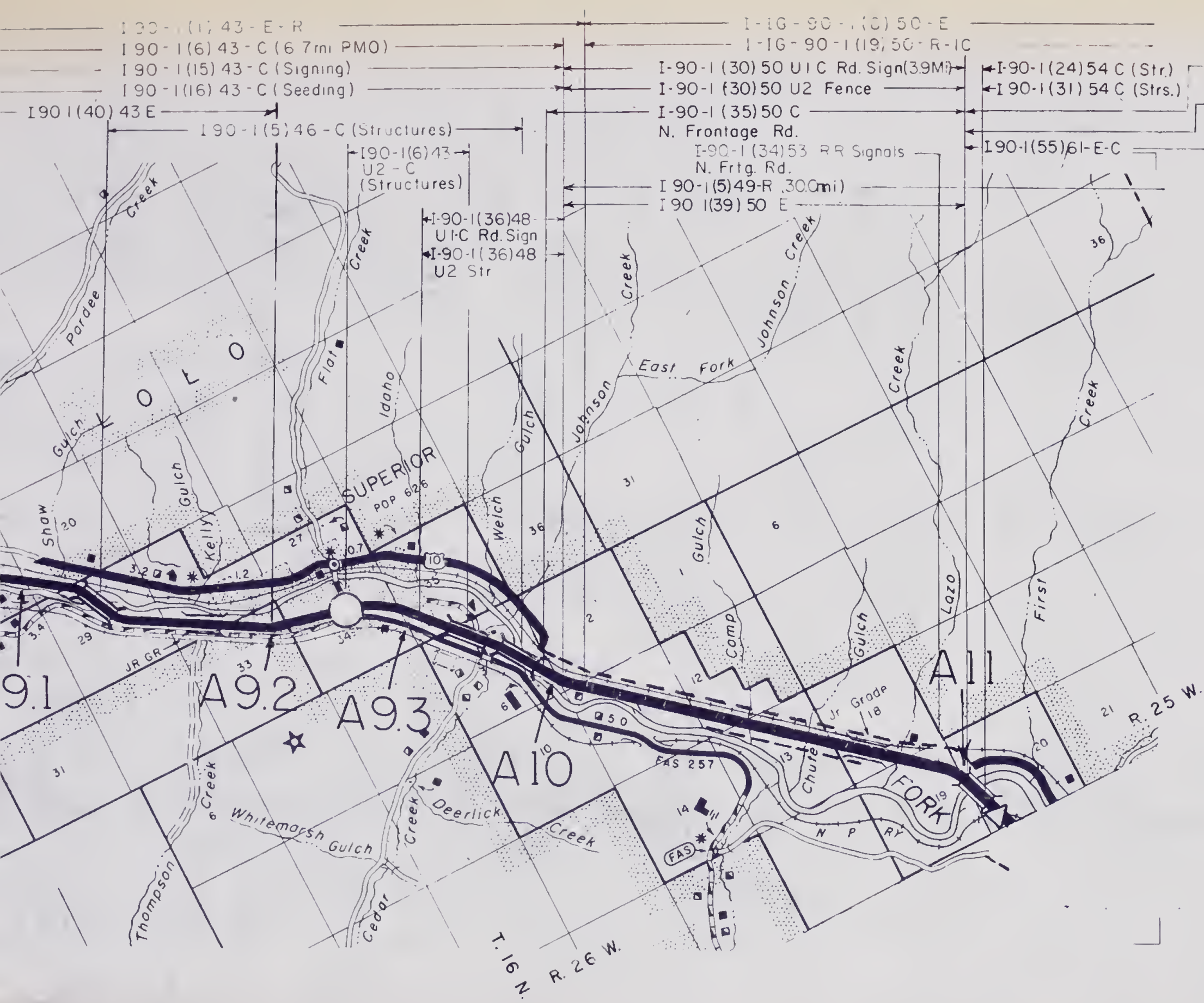
John Creek

John Creek

John Creek

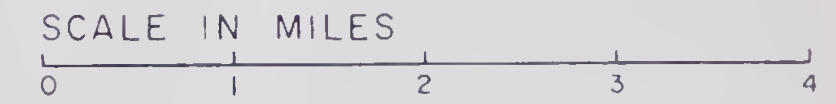
John Creek

John Creek



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

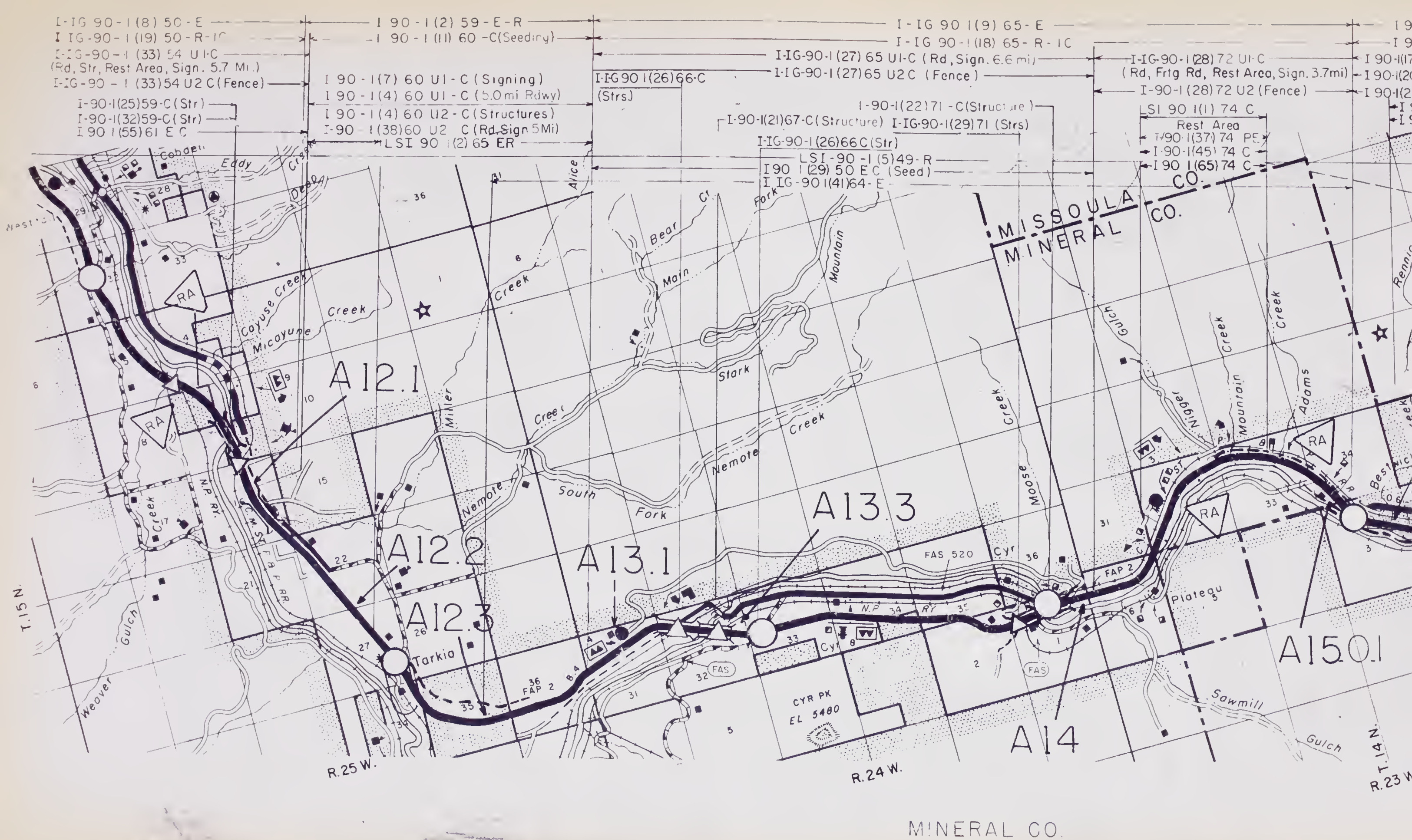


MONTANA

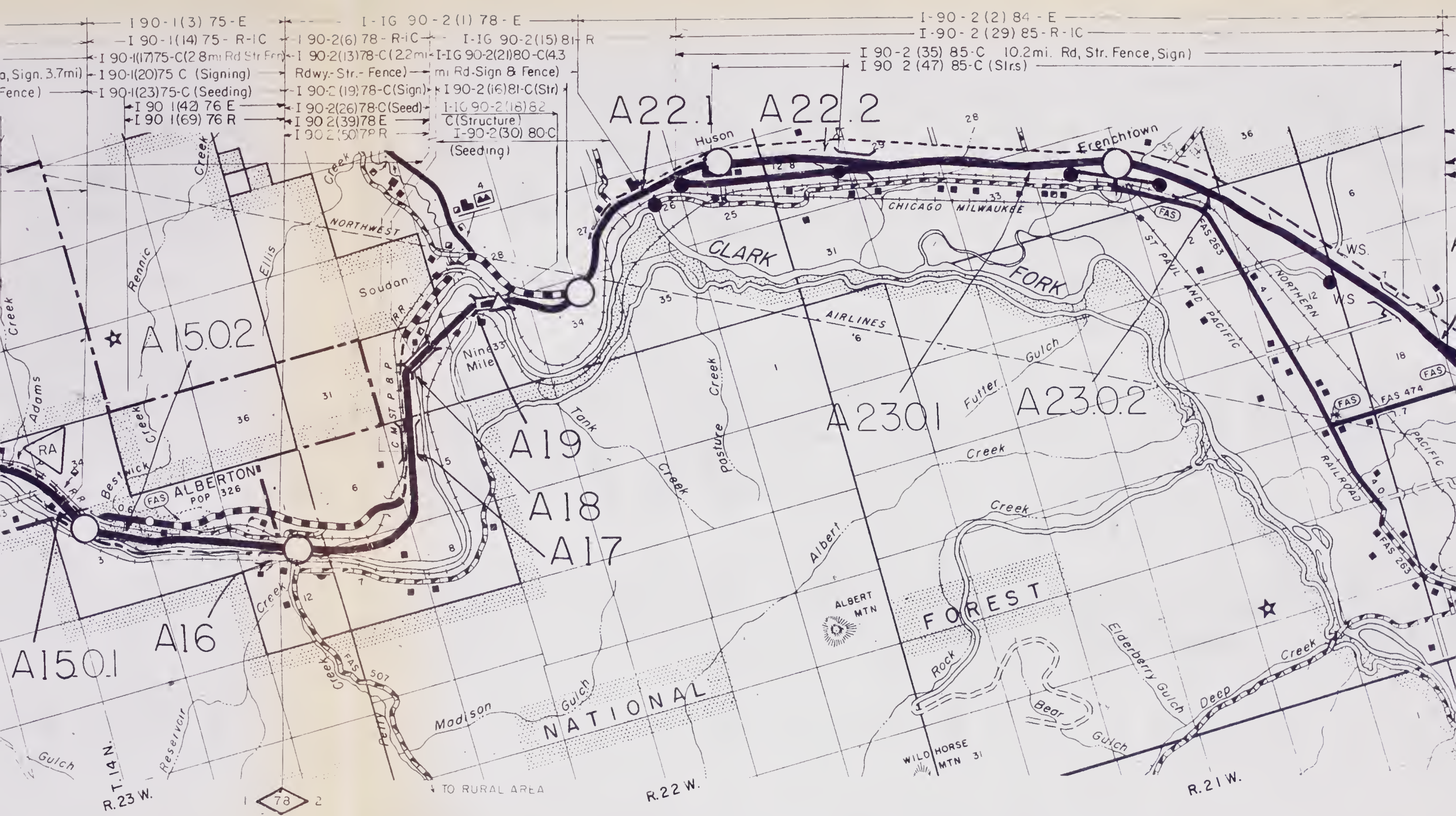
INTERSTATE ROUTE 90

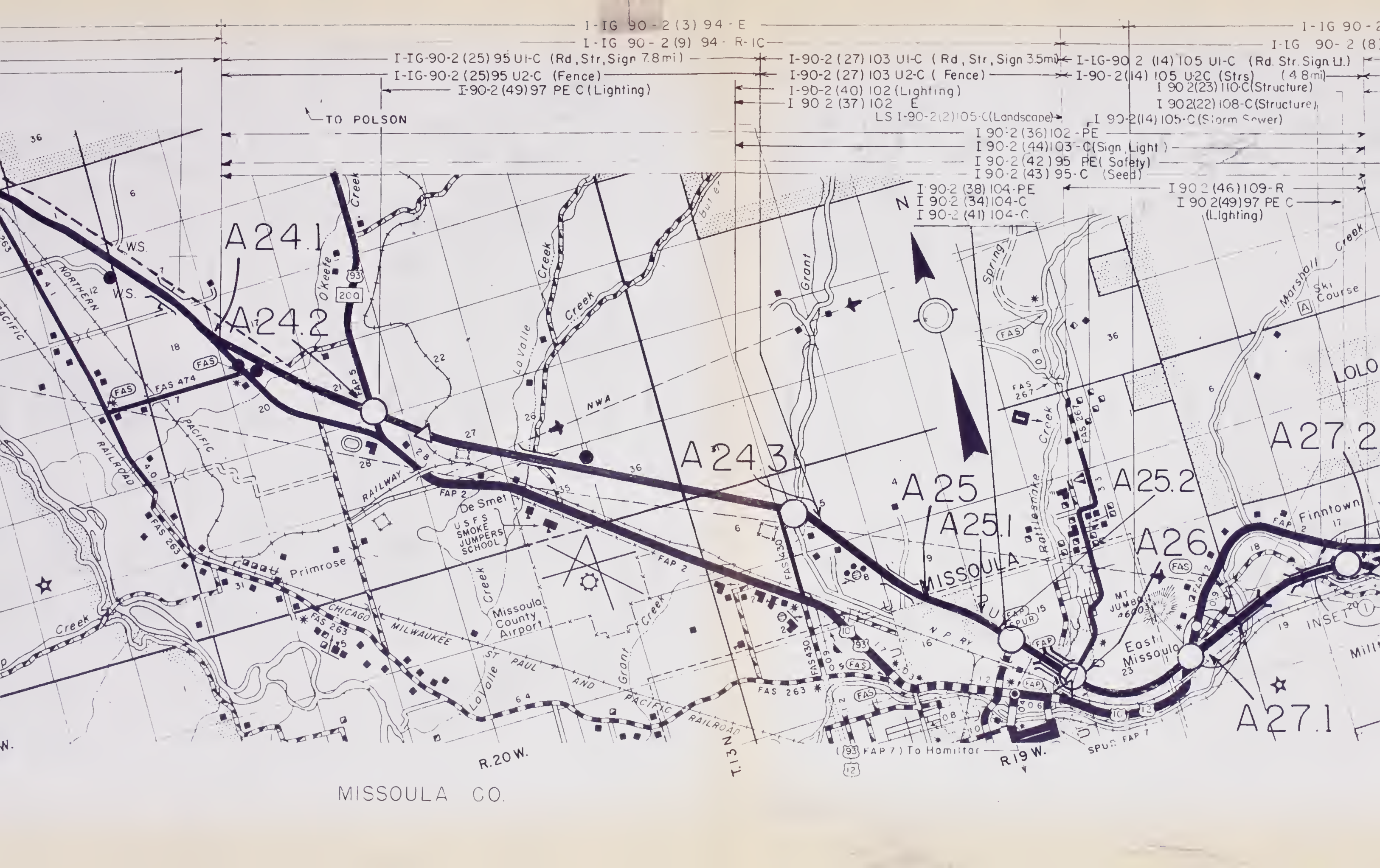
Sheet 1 of 11

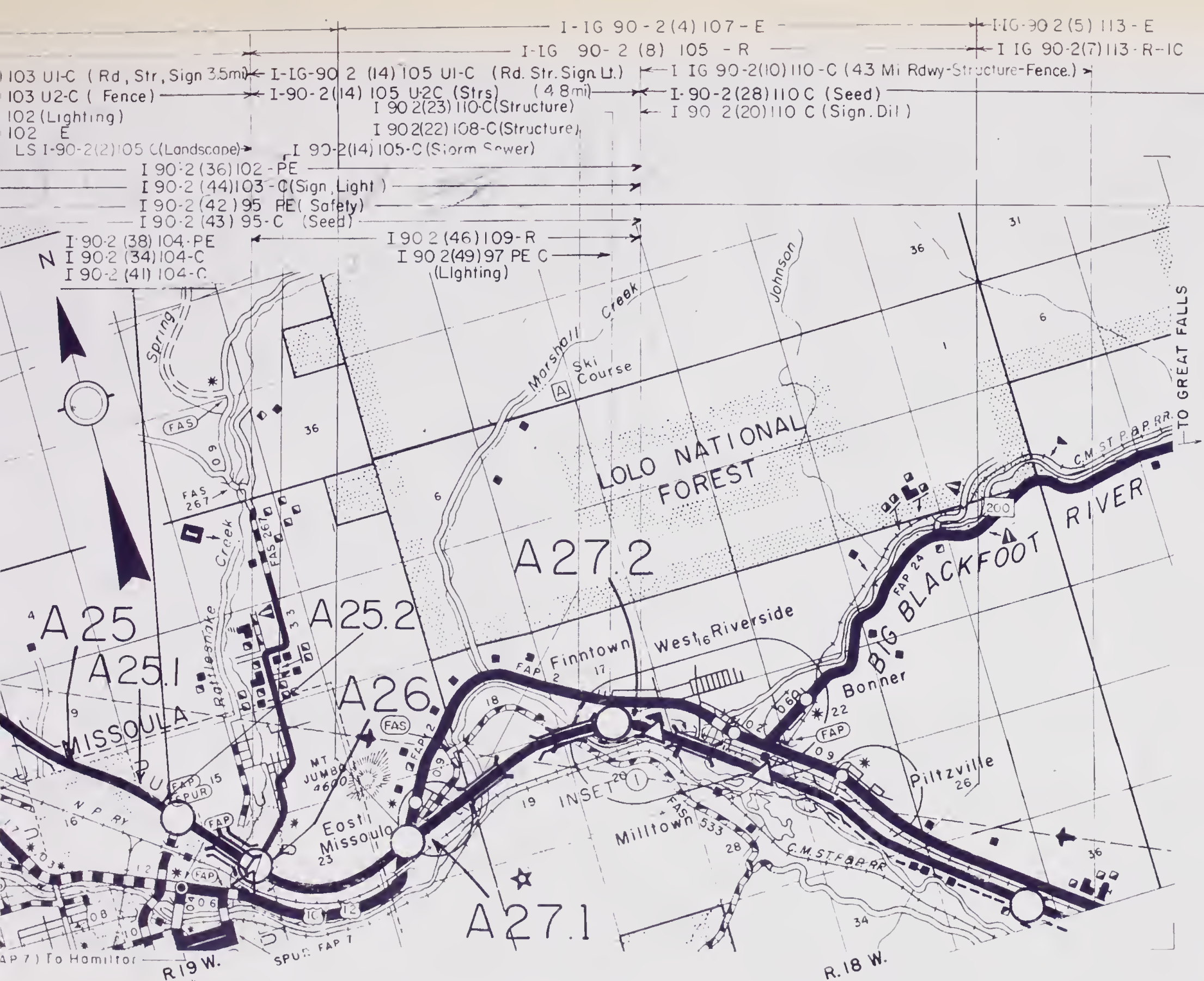
Date December 31, 1970



MINERAL CO.

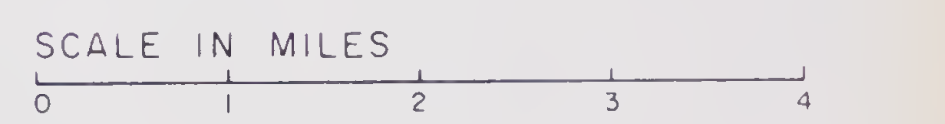






LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

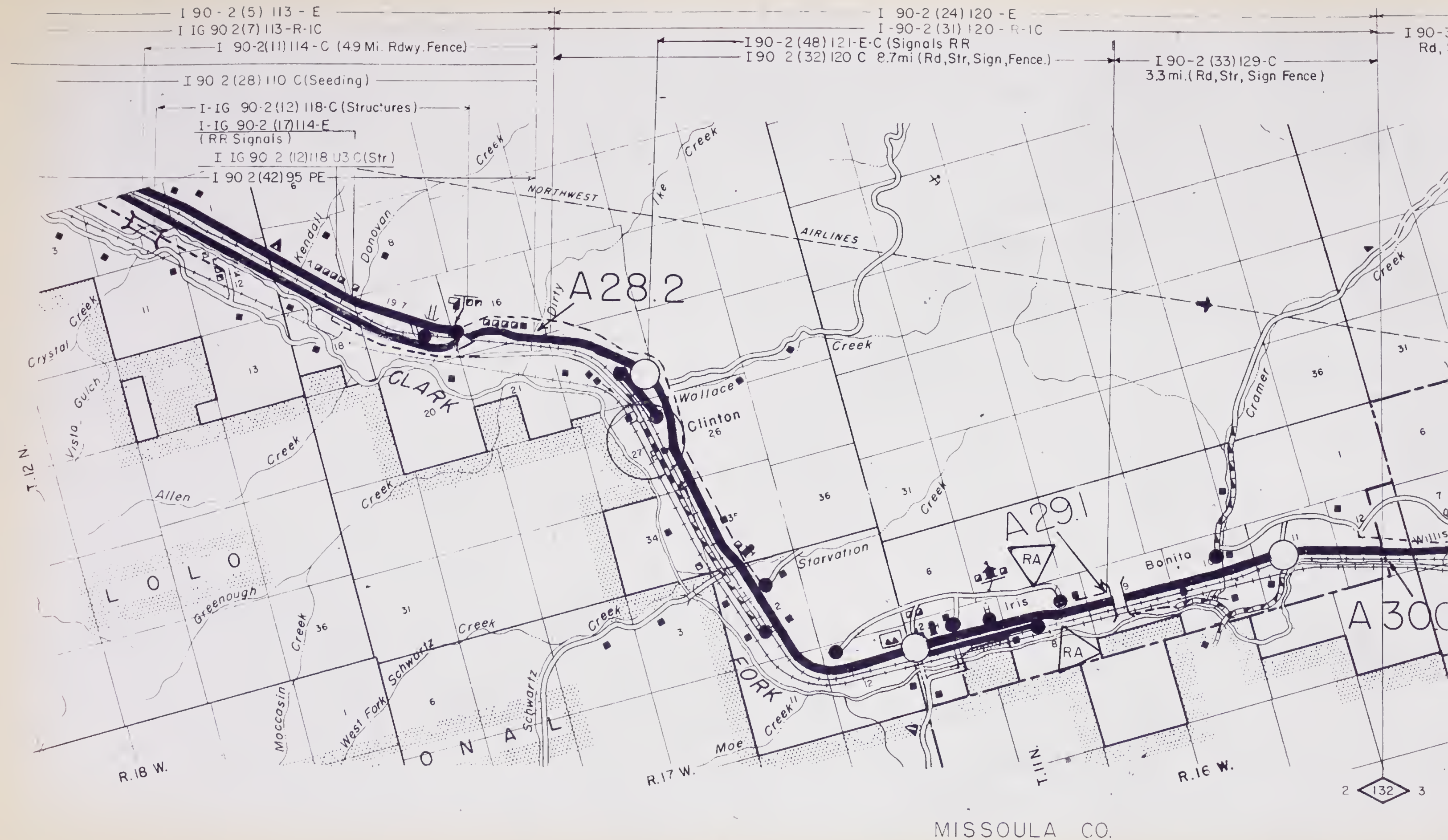


MONTANA

INTERSTATE ROUTE 90

Sheet 2 of 11

Date December 31, 1970



1-90-3(13) 143-C (Rd.-Str.-Fence 7.6 Mi)
I-90-3(31) 135-C (15.2 Mi-Seeding)



I 90 - 3 (9)	157 - C (Seeding)
1 90 - 3 (5)	157 U1 - C (Signing)
1 90 - 3 (3)	157 U2 - C (Structures)
I 90 - 3 (3)	157 U1 - C (Roadway) 9.6 Mi.



151-E
152-E-R
I 90 3 (28) 157 EC
I-IG 90-3 (7) 168-E
I-IG 90-3 (20) 166-R

I 90-3 (9) 157 - C (Seeding)
I 90-3 (5) 157 UI - C (Signing)
I 90-3 (3) 157 U2 - C (Structures)
I 90-3 (3) 157 UI - C (Roadway) 9.6 Mi.



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES
0 1 2 3 4

MONTANA

INTERSTATE ROUTE 90

Sheet 3 of 11

Date December 31, 1970

I-IG-90-3(7)168-E
I-IG-90-3(20)166-R

I 90-3 (24) 151 E

- I-90-3 (2) 179 E-R-IC
- I-90-3 (8) 180-C (8.6 Mi Rdwy, Structures)
- I-90-3 (10) 180-C (Signing)
- I-90-3 (11) 180-C (Seeding)
- I-90-3 (18) 179-PE
- I 90 3 (19) 179-R



ures)

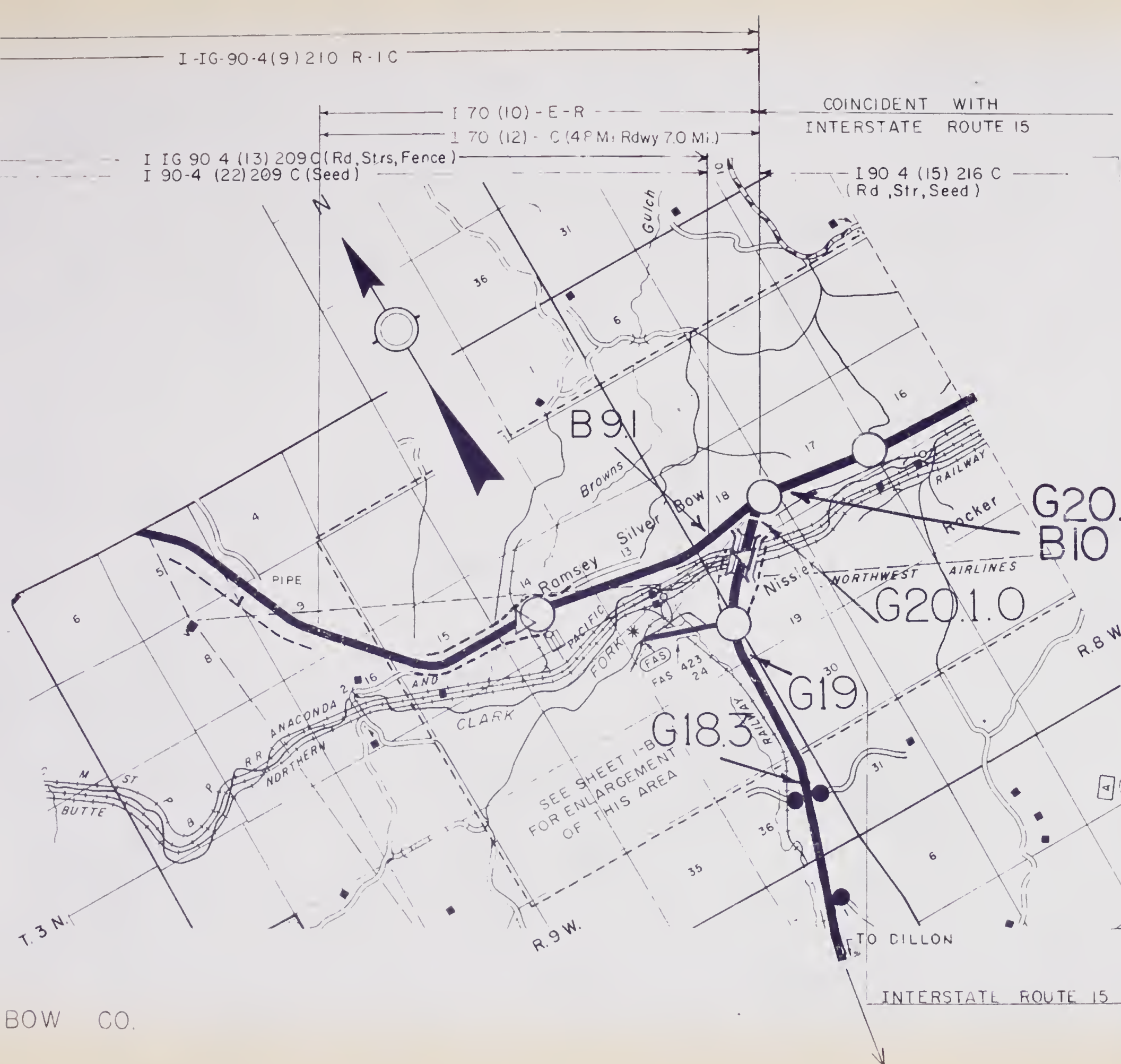
I-90-3 (6) 188 E
I-90-3 (17) 188 R

I-90-3 (29) 189 PE-C (Lighting)



POWELL CO.

DEER LODGE CO.



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES



MONTANA

INTERSTATE ROUTE 90

Sheet 4 of 11

Date December 31, 1970

COINCIDENT WITH INTERSTATE ROUTE 15

INTERSTATE ROUTE 115

I 90-4 (14) 226 C

I-IG 15-2 (17) 130-C (0.7mi. Rdwy Fence)

I 90-4 (5) 226 R-1C
I 90-4-(3) 226-E

I 90-5 (3) 231-

G20.4=
B12.24

G21=
B12.3.1

I 90-4 (8) 226 -C
I 90-4 (8) 227 C
(2.8 Mi. Pave)

I 90-4 (17) 228 E
I 90-4 (19) 228 C (Str)

I 90-5 (6) 231 C (Rd, Sign, Str, Fence. 2.3 mi)

I 90-5 (8) 231 C
(ACCESS RD.)

LSI 90-5 (1) 233 C
(REST AREA)

I 90-5 (15) 231 PE

I 90-5 (22)
I 90-5 (25) 2

B13.0.2

B12.3.2

B13.0.1

G20.3=
B12.1

G20.2=
B11

SEE SHEET 1A
FOR ENLARGEMENT
OF THIS AREA



T.2 N.

R.8 W.

TO RURAL AREA

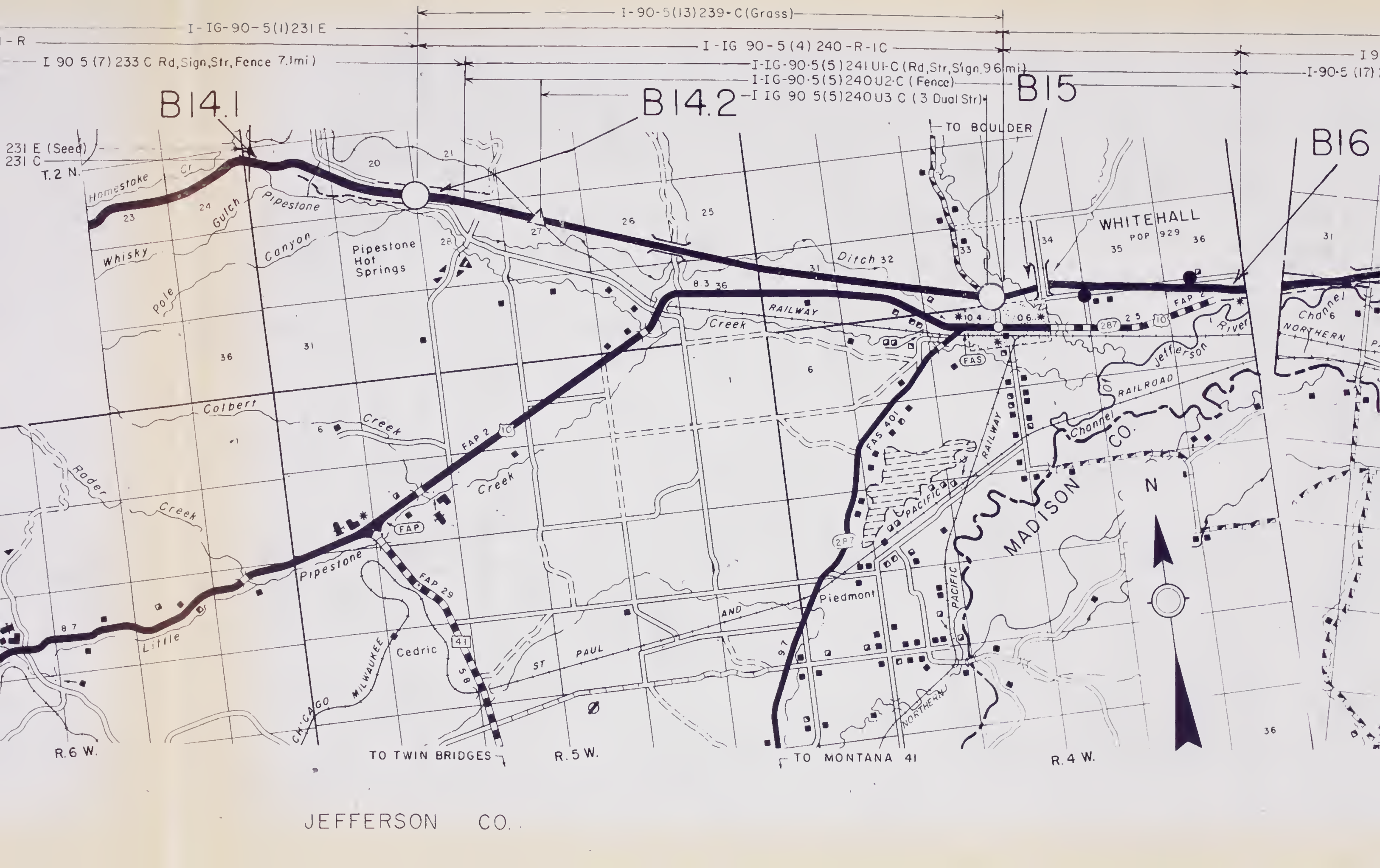
TO RECREATION AREA

4 231 5

T.1 N.
R.7 W.

TOLL MTN

SILVER BOW CO.



I-IG-90-5(1)231 E

I-90-5(13)239-C(Grass)

I-IG 90-5(4)240-R-IC

I-IG-90-5(5)241U1-C(Rd,Str,Sign,9.6mi)

I-IG-90-5(5)240U2-C(Fence)

I-IG 90-5(5)240U3 C(3 Dual Str)

I-90-5(17)

I 90 5(7)233 C Rd,Sign,Str,Fence 7.1mi)

B14.1

B14.2

B15

B16

231 E (Seed)
231 C
T.2 N.

TO BOULDER

WHITEHALL
POP 929

Ditch 32

RAILWAY

Creek

Jefferson

RAILROAD

Channel
CO.

MADISON

N



R.6 W.

TO TWIN BRIDGES

R.5 W.

TO MONTANA 41

R.4 W.

JEFFERSON CO.

TO BOULDER

B15

I 90 5(9)250 R-1 C

--I-90-5 (17) 250-C (4.9 Mi Rd Str Fence)

e) 

I - 90-5 (2) 247 E

-I - 90-5 (11) 255 R

I 90-5 (19) 255 C (10.4 Mi (Gr, Str, Fence,))

I 90-5 (23) 255 C(Rd Sign)

B16

TO BOULDER

WHITEHALL
208 929

POP 929

CAP

Jer. 30

ROAD

Z

N

MADISON

Jefferson
Island

Cardwell

FAS 359

Lo Hood Park

CHICAGO

MILWAUKEE

Gulich

Sheep

Guido

LEWIS & CLARK	CAVE
STATE PARK	

Gulch

5

AND PACIFIC

R. 4 W

R.3 W.

TO US 287

R.2 W.

MADISON CO.

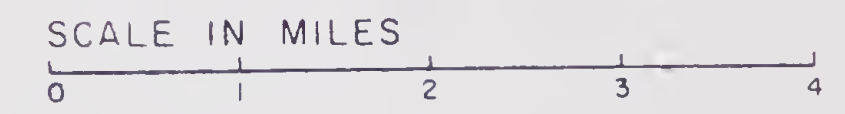
JEFFERS

5 (2) 247 E
 5 (11) 255 R
 55 C (10.4 Mi (Gr, Str, Fence,)
 255 C (Rd Sign) -
 I-90-5 (12) 264 - R
 I-90-5 (18) 265 C (Rd Str.-Grass-Sign-Fence 7.0 Mi.)
 I-90-5 (24) 265 - C (Surf Sign)



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

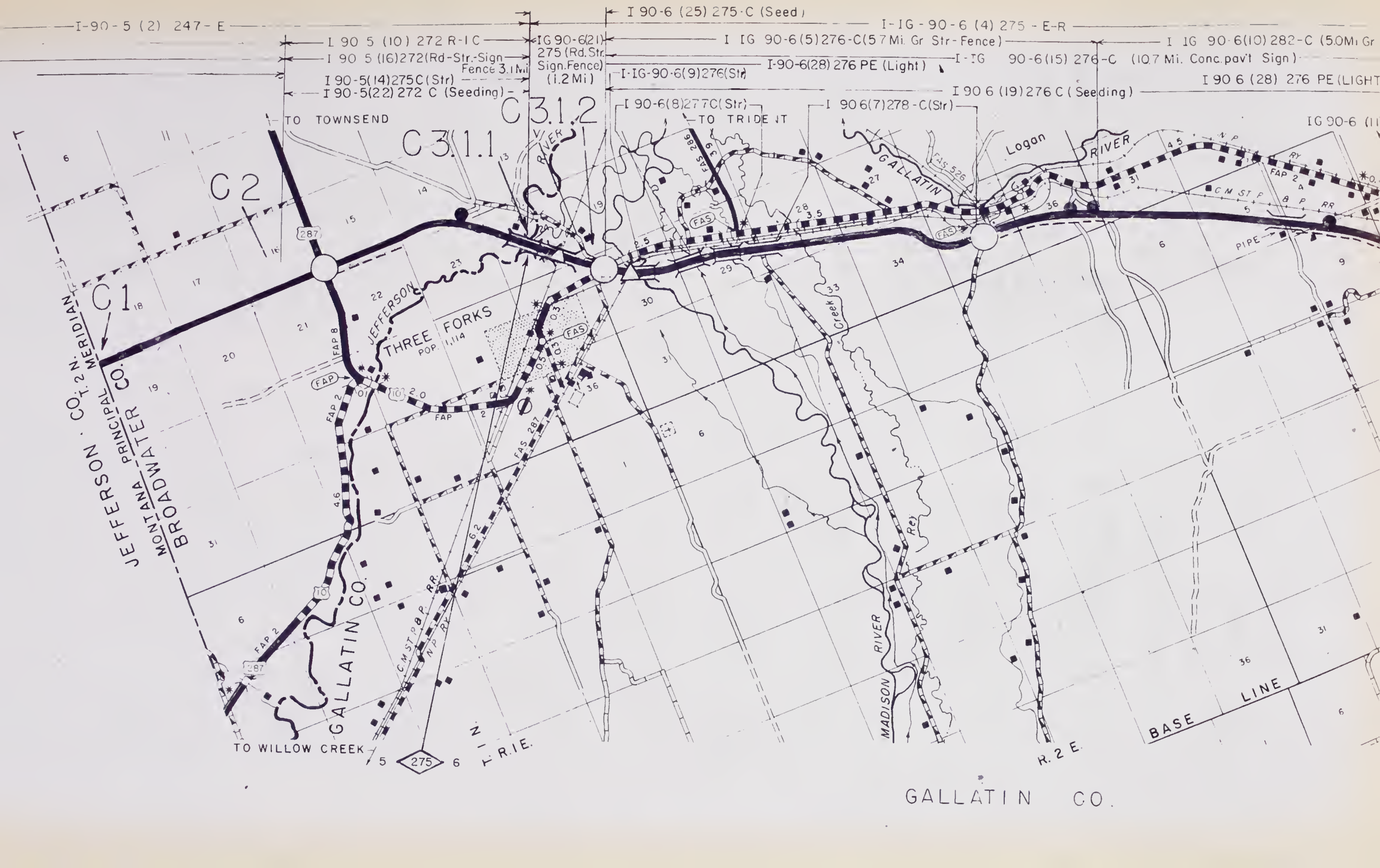


MONTANA

INTERSTATE ROUTE 90

Sheet 5 of 11

Date December 31, 1970



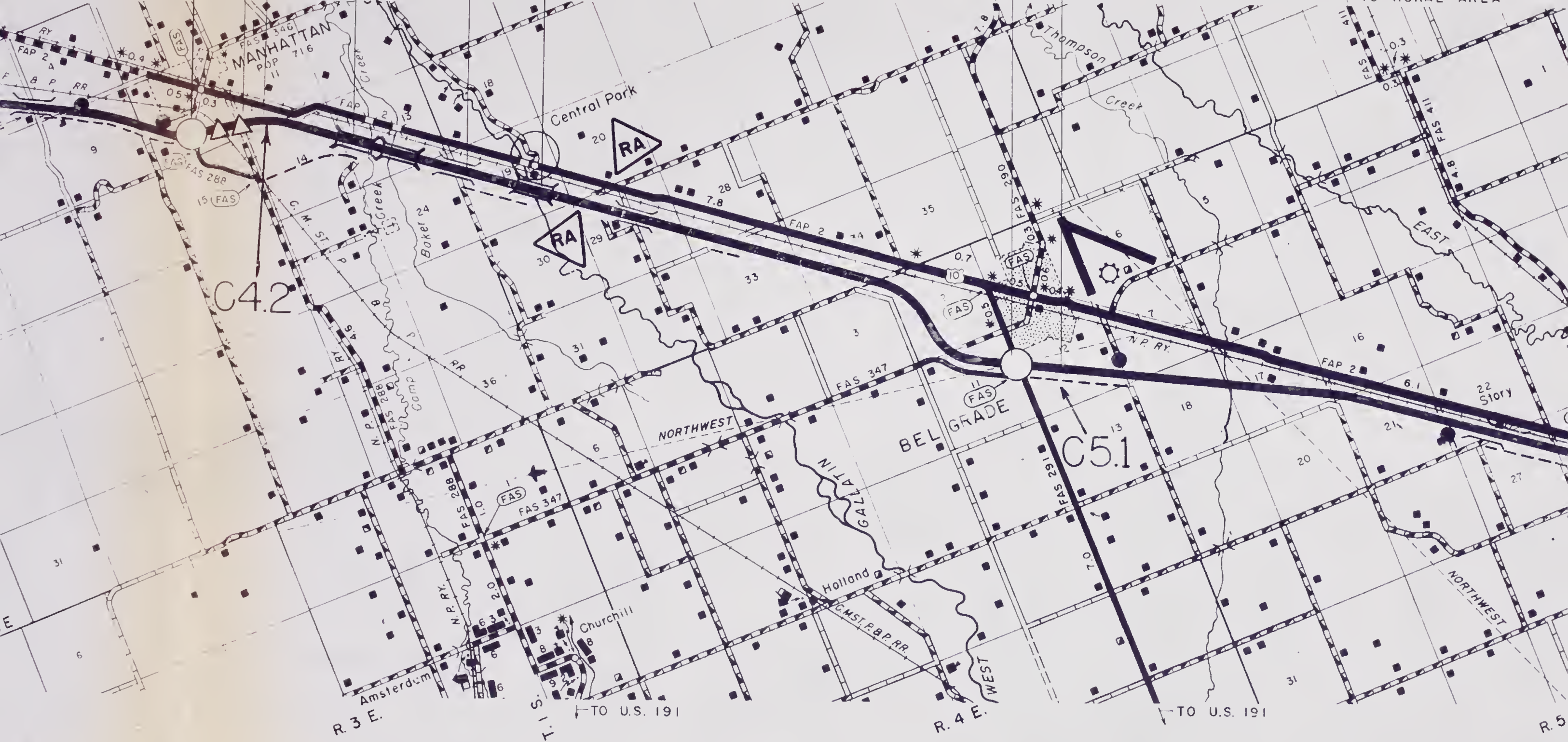
-I 90 6 (13) 296 C (Rd, Str, Fence, S
I 90 6 (16)

I 90 6 (20) 287 C (Seeding)

TO EDILOU

TO MENARD

-TO RURAL AREA

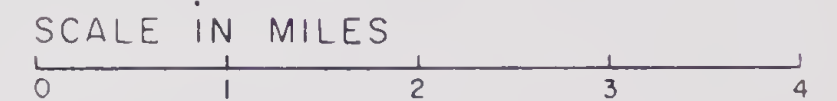


I-IG-90-6(1) 303-E-R-IC
 90-6(24) 306 C(Str)
 90-6(23) 304 C(Fen.)
 Mi. Gr, Str, 6.2 Mi. Seed
 Light, Sign)
 I IG 90-6(2) 309-C (5.3 mi Rd-Str-Fence Seal Coat)
 I IG 90-6(6) 309-C (Sign)
 I IG 90-6(12) 309-C (Grass)
 I 90-6(17) 315 PE
 I 90-6(26) 315 R



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS



MONTANA

INTERSTATE ROUTE 90

Sheet 6 of 11

Date December 31, 1970



I 90-7 (15) 318 PE
I 90-7 (28) 318 R

I-IG 90-7 (2) 327 E-R IC.
I IG 90-7 (9) 327-C (11.8 Mi. Rdwy. Str. Fence RR Lit
I 90-7 (10) 327-C (Signs)
I 90-7 (12) 327-C (Seeding)
I 90-7 (27) 327-EC (Safety) (Light Intrgs)

I 90-7 (26) 332 EC (Safety)
I 90-7 (4) 330-C
(STRUCTURES)

TO WHITE SULPHUR SPRINGS

GALLATIN CO. T. 2 S.
PARK CO.

C9

C10

C11

C11.1

C12.1

C13

C14

R. 8 E.

R. 9 E.

R. 10 E.

TO YELLOWSTONE PARK

PARK

I-90-7(3)339 E-R-C(11) 6 Mi. Highway S. of

I-90-7 (5) 339-C (SIGNING)

I-90-7 (21)339 E

← I-90-7 (16) 346 PE(Safety) →

← I-90-7 (19) 346 C(Median) →



PARK CO.



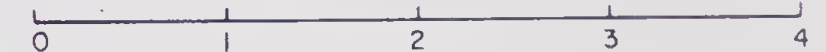
SWEET GRASS CO.



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES



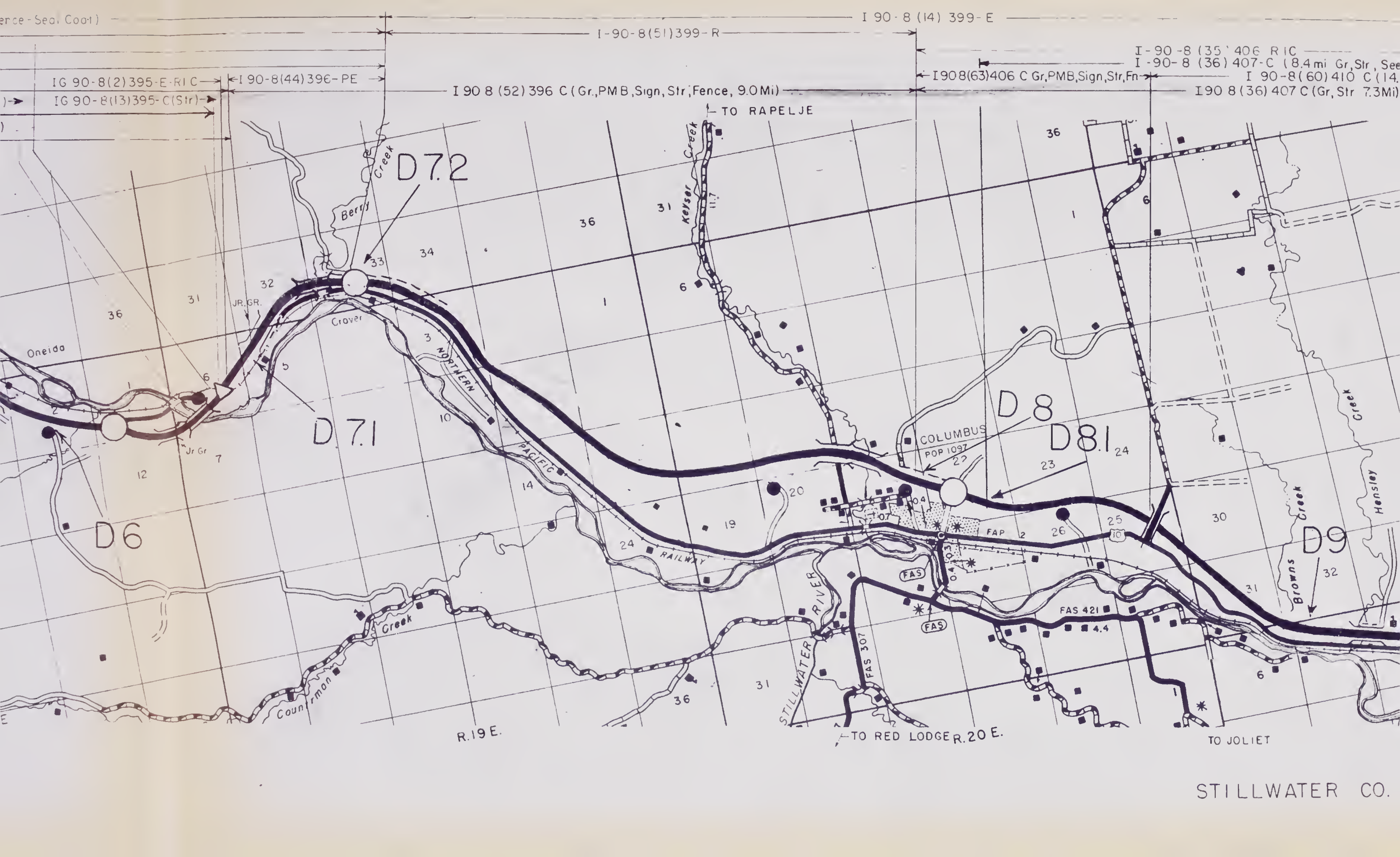
MONTANA

INTERSTATE ROUTE 90

Sheet 7 of 11

Date December 31, 1970





erice-Seal Coal)

I-90-8(51)399-R

I 90-8 (14) 399-E

I-90-8 (35) 406 RIC

I-90-8 (36) 407-C (8.4 mi Gr, Str, See

I 90-8 (60) 410 C (14

I 90 8 (36) 407 C (Gr, Str 7.3Mi)

IG 90-8(2)395-E-RIC

I 90-8(44)396-PE

I 90 8 (52) 396 C (Gr.,PMB,Sign,Str,Fence, 9.0Mi)

I908(63)406 C Gr,PMB,Sign,Str,Fn

IG 90-8(13)395-C(Str)

D7.2

D7.1

D6

D8

D8.1

D9

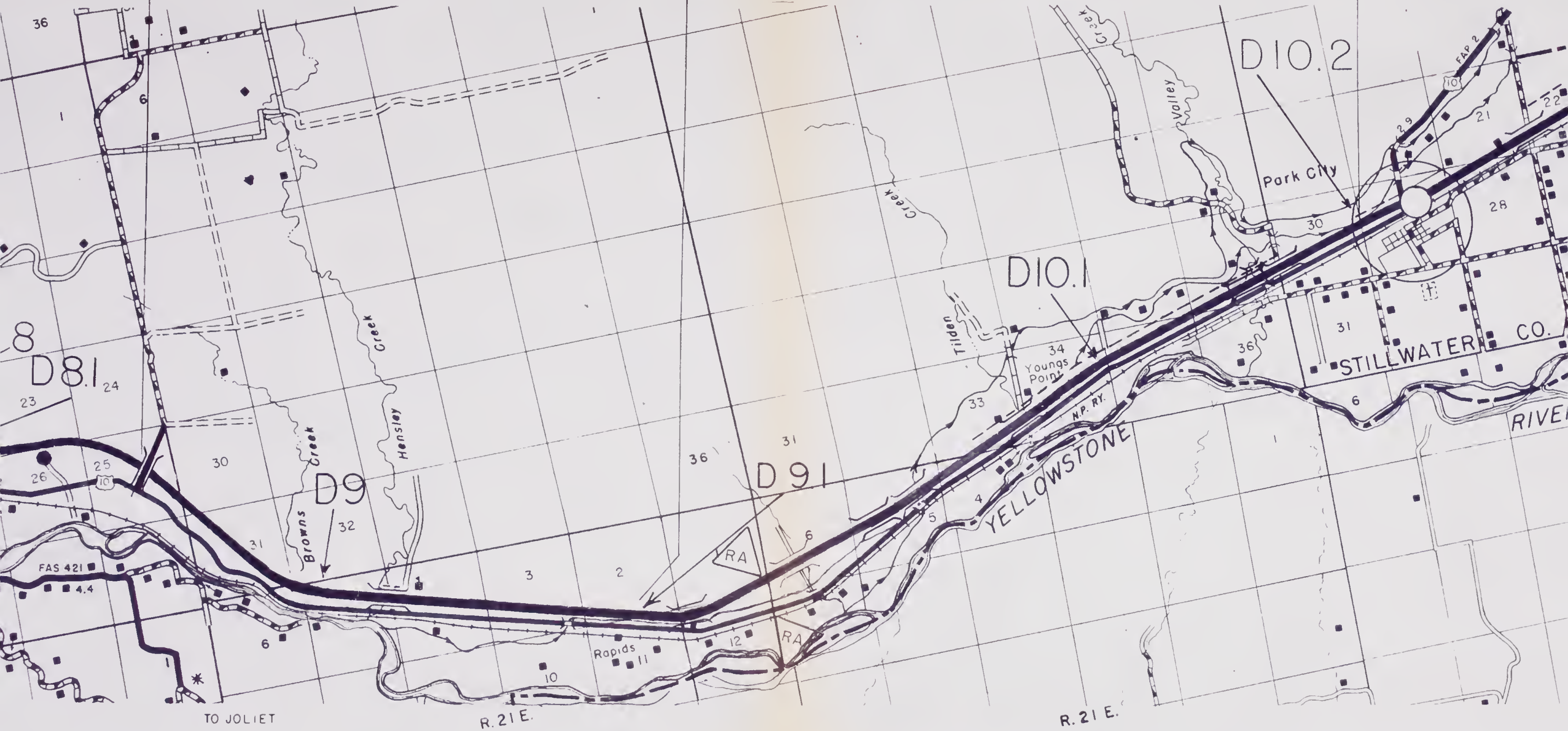
STILLWATER CO.

I-90-8 (35) 406 R IC
I-90-8 (36) 407-C (8.4 mi Gr, Str, Seed, Fence)
C Gr, PMB, Sign, Str, Fm
I 90-8 (60) 410 C (14.2 mi. Surf. Sign)
I 90 8 (36) 407 C (Gr, Str 7.3 Mi)

I-90-8 (3) 417-ER

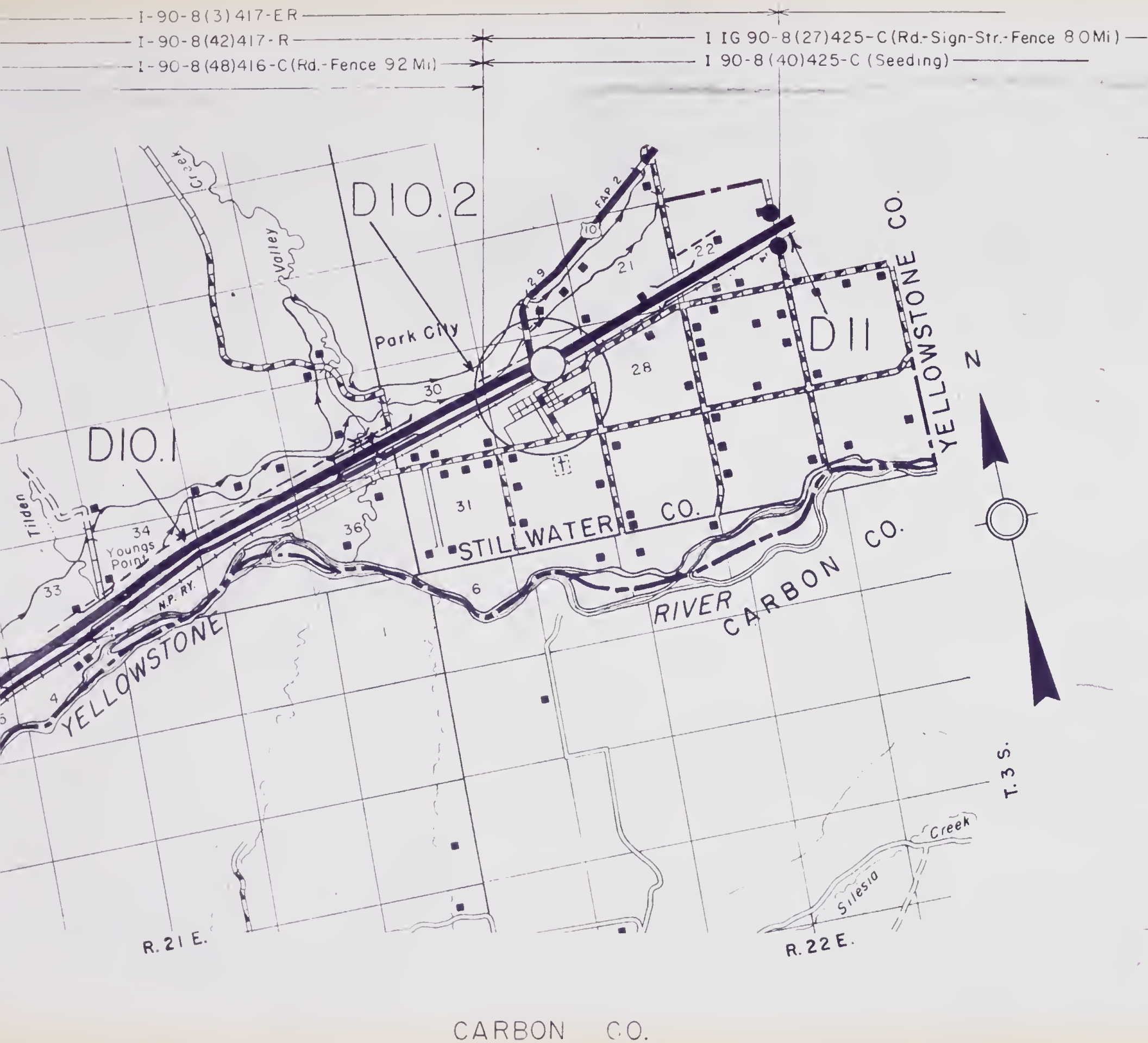
I-90-8 (42) 417-R

I-90-8 (48) 416-C (Rd.-Fence 92 Mi)



STILLWATER CO.

CARBON CO.



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
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- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES
 0 1 2 3 4

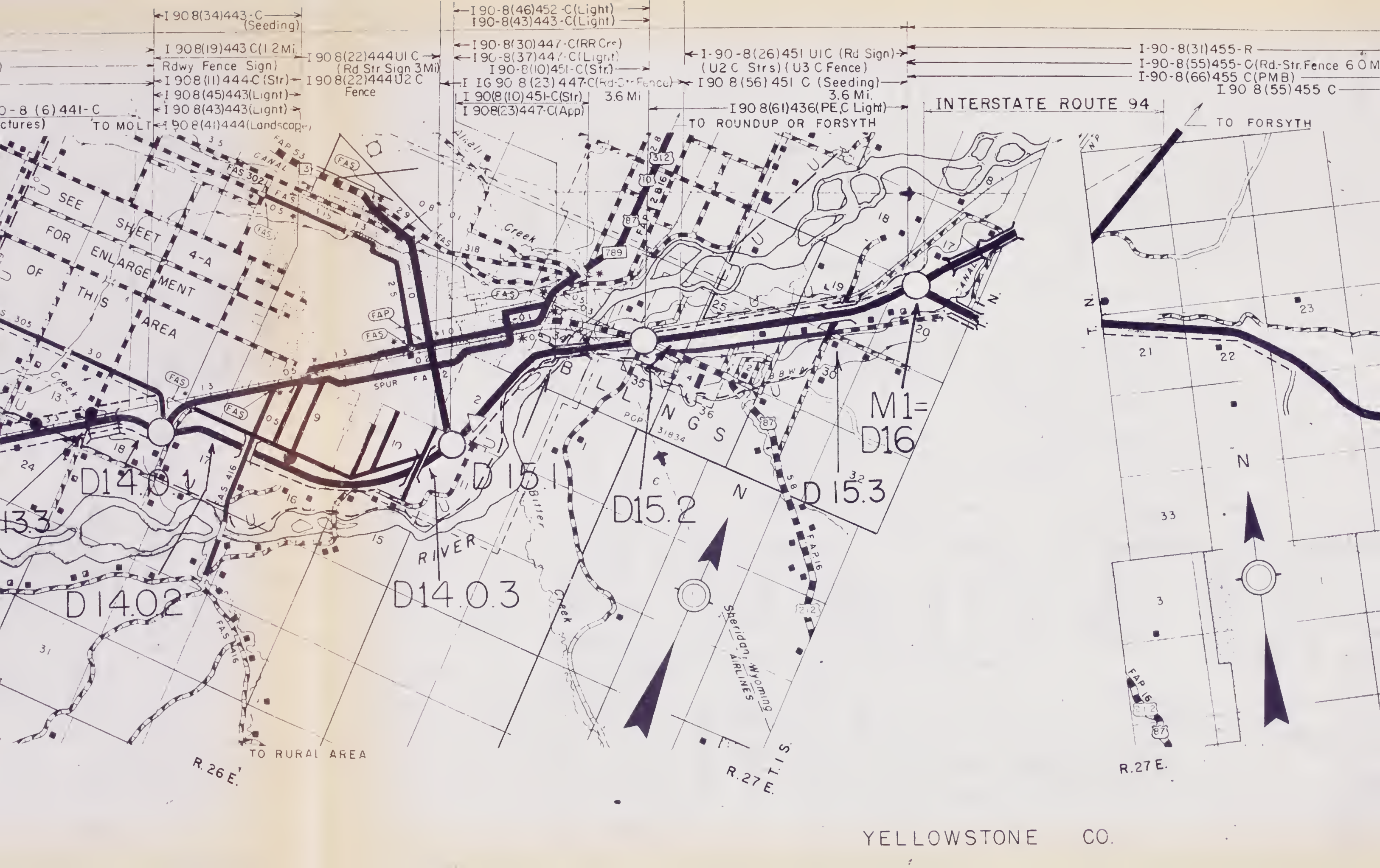
MONTANA

INTERSTATE ROUTE 90

Sheet 8 of 11

Date December 31, 1970







I-90-8(31)455-R

I-90-8(55)455-C(Rd-Str.Fence 6.0 Mi.)

I-90-8(66)455 C(PMB)

I 90 8(55)455 C

I 90 - 8 (9) 455 - E

I-90-8(57)461(4.1 Mi, Gr, Str, Fence)

I 90-8 (32) 461- R

I-90-8(65)465 C(6.2 Mi Gr Str Fen)

ROUTE 94

TO FORSYTH

N



R. 27 E.

R. 28 E.

R. 29 E.

YELLOWSTONE CO.
BIG HORN CO.

8 471 9

I-90-8(65)465 C(6.2 Mi Gr Str Fen)

I-IG 90-9 (8) 471-E

I-IG-90-9 (25) 471-R

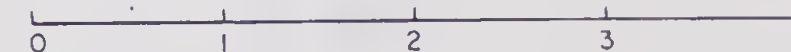
I-IG-90-9 (26) 471-C (130Mi,Gr,Str,PMB)



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES

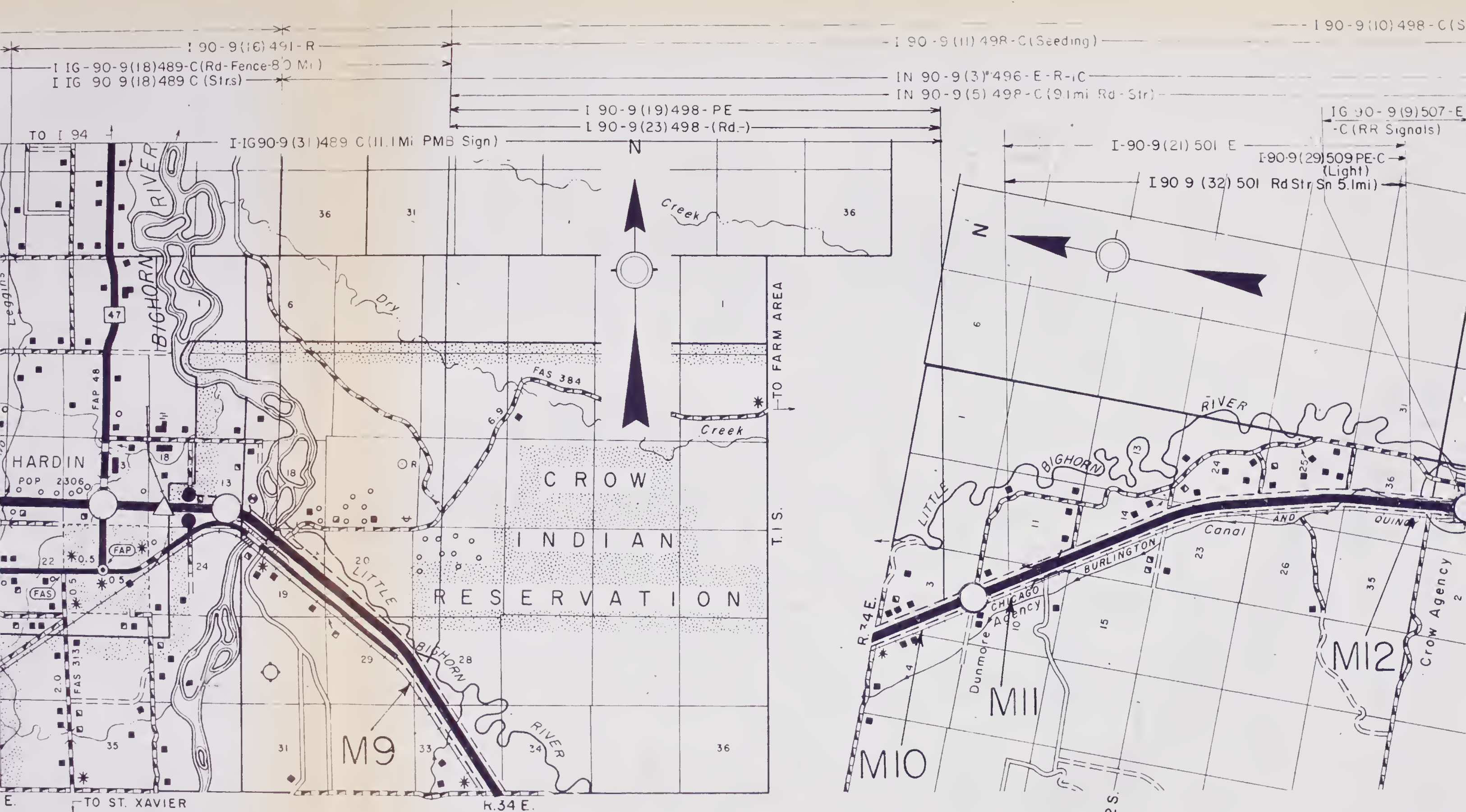


MONTANA

INTERSTATE ROUTE 90

Sheet 9 of 11

Date December 31, 1970



BIG HORN CO.

I-9(21) 501 E
I-90-9(29) 509 PE-C
(Light)
I 90 9 (32) 501 Rd Str Sn 5 lmi

I 90-9(9) 507-E
-C (RR Signals)

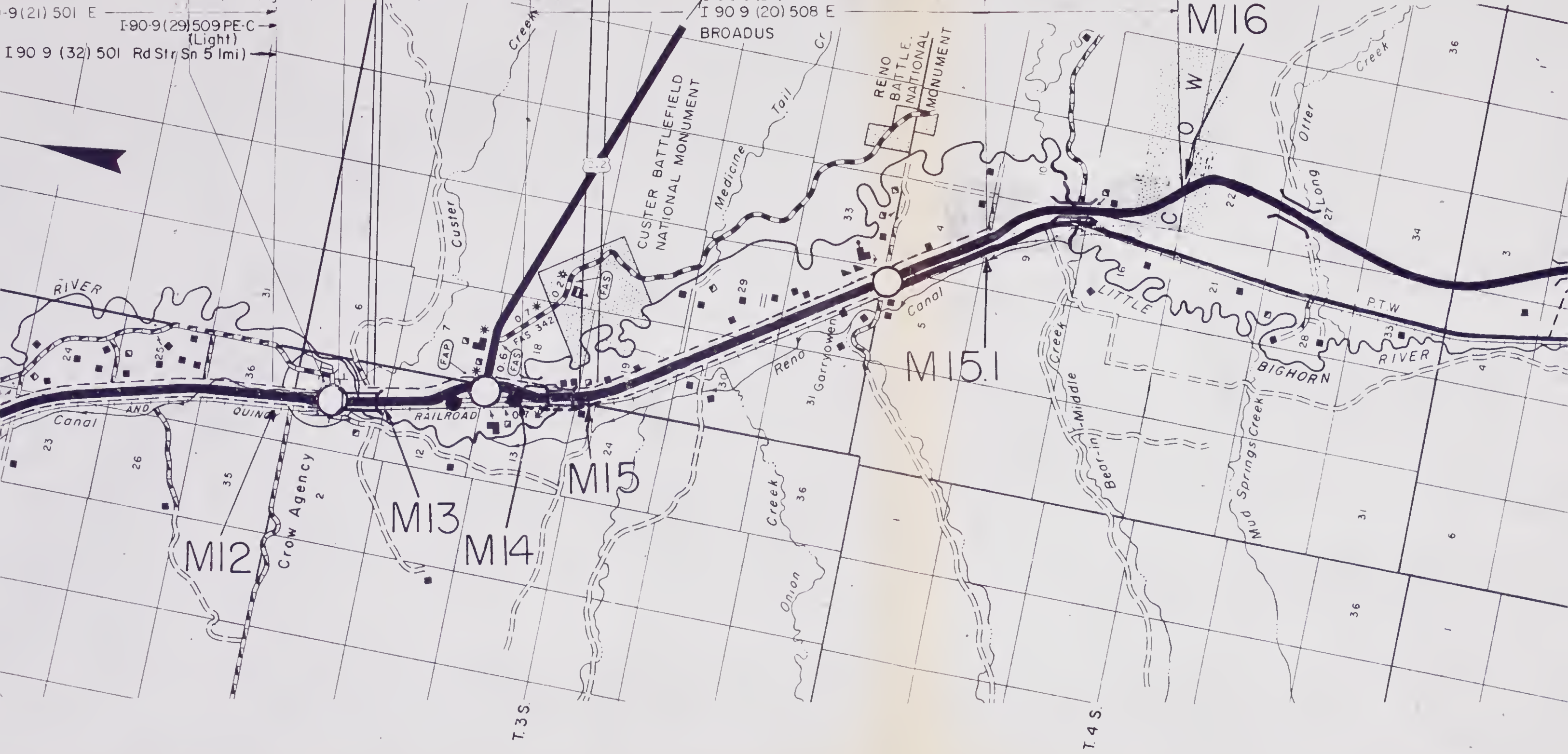
I 90-9(4) 508-E-R
IN 90-9(7) 508-C
(2.5 mi Rd-Str)
I 90-9(1) 509-R-C
(2.2 mi BST)

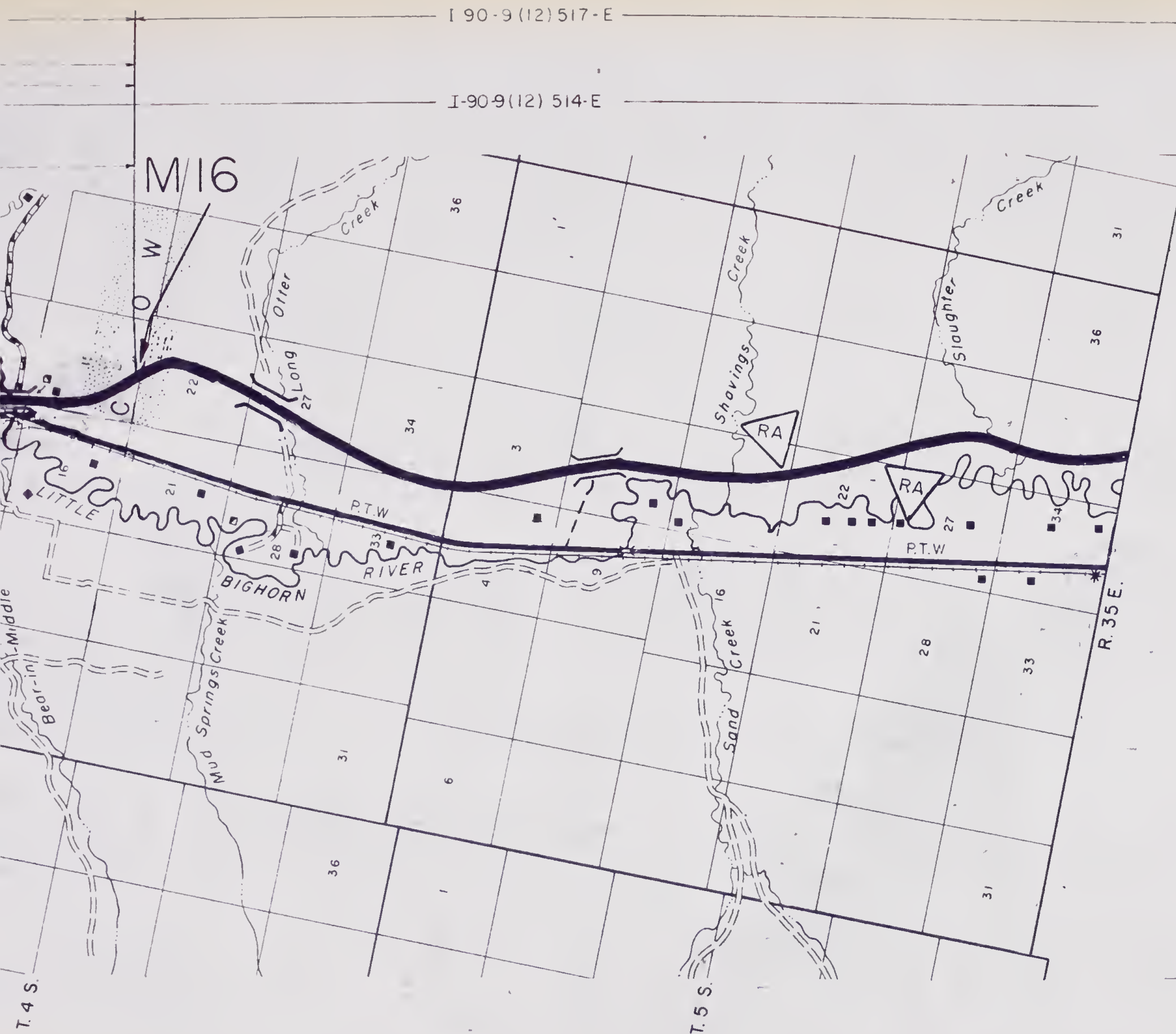
IN 90-9(2) 510-E-R-C (6.6 mi Rd-BST)
IN 90-9(6) 510-E-C (6.6 mi PMO)

I 90 9(27) 509 R
I 90 9 (20) 508 E
BROADUS

M/16

I-90-9(12) 514

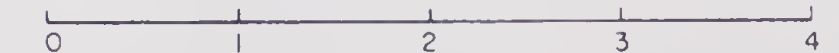




LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4 - 5
- INTERSTATE LOCATION STEP 1 - 2 - 3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES

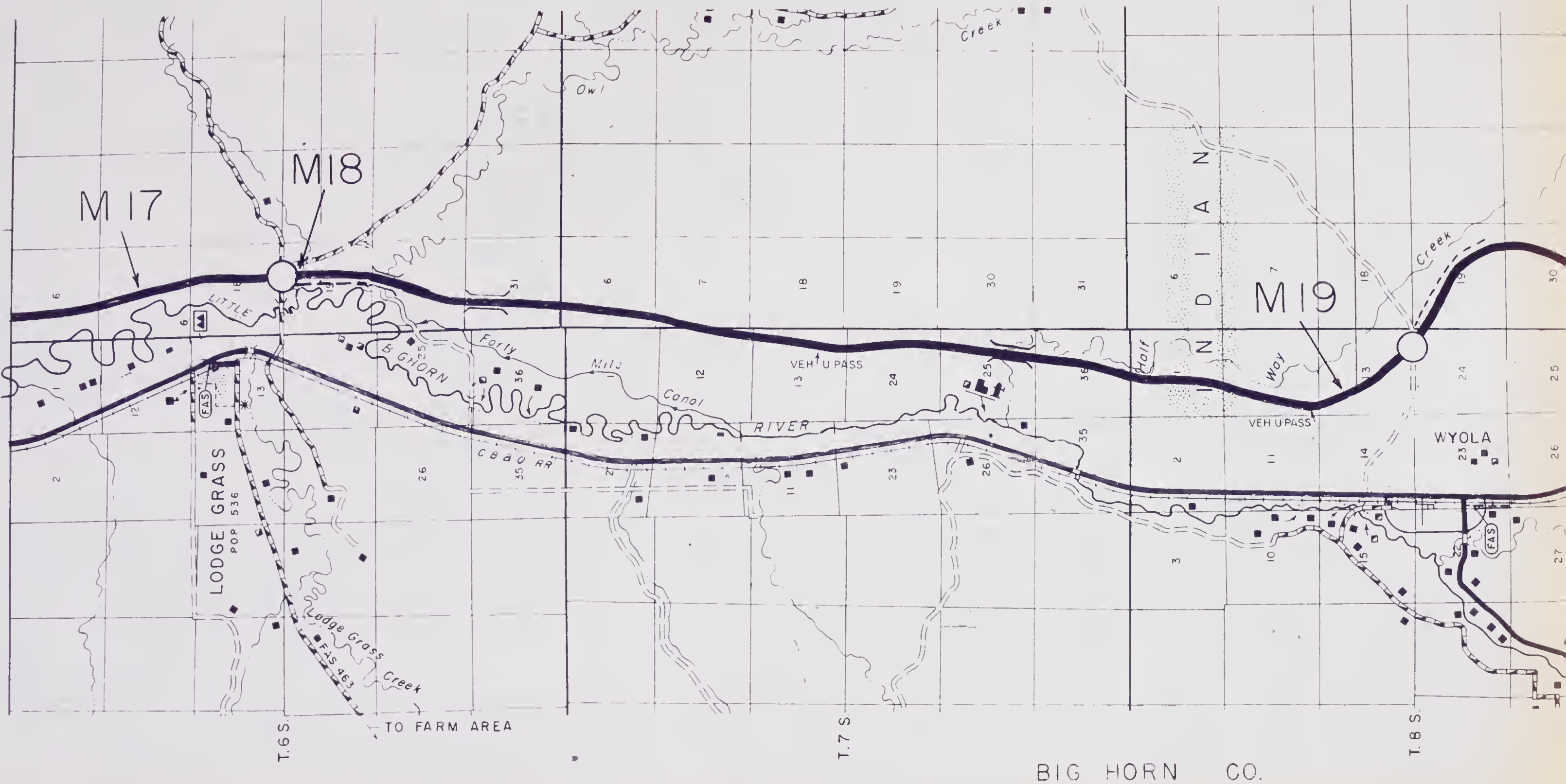


MONTANA

INTERSTATE ROUTE 90

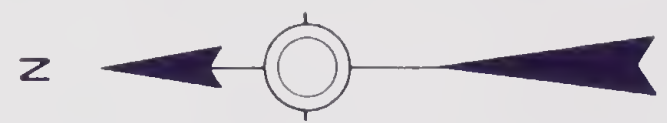
Sheet 10 of 11

Date December 31, 1970

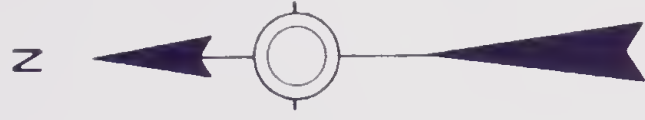











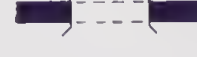

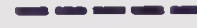


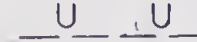


W Y O M I N G

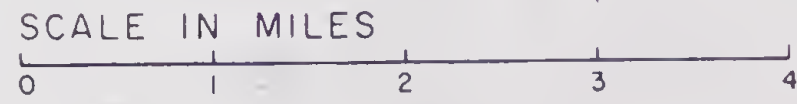


W Y O M I N G



LEGEND FOR INTERSTATE ROUTES

-  INTERSTATE LOCATION STEP 4 - 5
-  INTERSTATE LOCATION STEP 1 - 2 - 3
-  INTERCHANGE
-  HIGHWAY GRADE SEPARATION - NO CONNECTION
-  RAILROAD GRADE SEPARATION
-  COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
-  OTHER BRIDGE
-  TUNNEL
-  TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
-  FRONTAGE ROAD
-  TERMINATED CROSS ROAD
-  INTERSECTION AT-GRADE
-  URBAN AREA BOUNDARY
-  POST MILEAGE
-  ROUTE SECTIONS



MONTANA

INTERSTATE ROUTE 90

Sheet II of II

Date December 31, 1970

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 94

Sheet 1 of 5 Sheets

ITEM	ESTIMATE SECTION													
	D16	D17	D18	D19	D20.1	D20.2	D21.1	D21.2	D22.1	D22.2	D23	D24	D25.0.1	D25.0.2
	D17	D18	D19	D20.1	D20.2	D21.1	D21.2	D22.1	D22.2	D23	D24	D25.0.1	D25.0.2	D26.1
	23	20	23	23	23	23	23	23	23	23	23	23	23	23
1. Section Length, miles (0.1)	6.5	6.5	10.5	9.0	1.9	3.4	5.1	3.0	3.7	1.3	1.0	3.5	4.0	2.1
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area Identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	N	N	N	N
5. Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	60	70	70	70	70	70	70	70	50	70	70	50	50	70
7. Traffic: a. ADT 1970	2225	1830	1830	1532	1532	1532	1532	1532	1556	1556	1590	1590	1590	1590
b. ADT 1975	3250	2650	2650	2200	2200	2200	2200	2200	2250	2250	2250	2250	2250	2250
c. ADT 1990	4150	3600	3600	3000	3000	3000	3000	3000	2950	2950	3000	3000	3000	3000
d. ADT 2000	5000	4100	4100	3450	3450	3450	3450	3450	3350	3350	3400	3400	3400	3400
8. Traffic: a. Design Year (19)	85	86	87	92	92	92	92	91	91	94	94	94	75	95
b. ADT Design Year	4000	3350	3400	3100	3100	3100	3100	3050	2950	3100	3150	3150	2250	3200
c. DHV Design Year	480	400	410	370	370	370	370	370	360	370	380	380	270	380
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	11	11	11	11	11	11	11	11	11	11	11	11	11	11
f. T Percent trucks design year (ADT)	16	16	16	16	16	16	16	16	16	16	16	16	16	16
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	6.5	6.5	10.5						1.9		1.0	0.5	4.0	
11. Mileage with frontage roads one side only				7.7	1.9	1.7	5.1	3.0	1.8	1.3		3.0		2.1
12. Mileage with frontage roads on both sides				1.3		1.7								
13. Typical cross-section reference	30	30	30	30	30	50&30	50&30	30	30	20	20	20	40	20
14. Right-of-Way Width: Minimum	230	230	230	300	260	260	260	300	300	270	270	270	270	280
Prevaling	320	320	320	400	400	450	450	300	300	270	270	270	330	300
15. Median Width: Minimum	50	76	76	68	68	68	68	76	76	46	46	46	10	38
Prevaling	50	76	76	68	68	68	68	76	76	46	46	46	10	38

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 94Sheet 2 of 5 Sheets

ITEM	ESTIMATE SECTION													
	D26.1	D26.2	D27	E1	E2.1	E2.2	E3	E4	E4.1	E5	E6	E6.1	E7	E8
	D26.2	D27	E1	E2.1	E2.2	E3	E4	E4.1	E5	E6	E6.1	E7	E8	E9.0.1
	23	23	23	23	23	23	23	23	21	21	21	21	23	23
1. Section Length, miles (0.1)	5.6	4.1	5.8	7.2	1.6	5.4	2.9	2.7	4.4	4.5	7.5	0.7	4.9	8.1
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area Identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	N	N	N	N
5. Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	70	70	70	70	60	70	70	70	70	70	70	70	60
7. Traffic: a. ADT 1970	1659	1659	1582	1582	1582	1622	2268	2268	2268	2268	2003	2003	2003	1834
b. ADT 1975	2350	2350	2250	2250	2250	2300	3250	3250	3250	3250	2850	2850	2850	2600
c. ADT 1990	3100	3100	2950	2950	2950	3050	4250	4250	4250	4250	3750	3750	3750	3450
d. ADT 2000	3550	3550	3400	3400	3400	3500	4900	4900	4900	4900	4300	4300	4300	3950
8. Traffic: a. Design Year (19)	95	95	95	91	91	91	92	92	89	89	89	89	95	95
b. ADT Design Year	3350	3350	3200	3000	3000	3100	4400	4400	4200	4200	3750	3750	4050	3700
c. DHV Design Year	400	400	380	360	360	370	530	530	500	500	450	450	490	440
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	13	13	13	13	13	13	13	13	13	13	13	13	13	13
f. T Percent trucks design year (ADT)	19	19	19	19	19	18	18	18	18	18	18	18	18	18
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	3.2	1.6	5.8	5.2	1.1	4.4								0.6
11. Mileage with frontage roads one side only	1.4	2.5		2.0	-	1.0	2.9	2.3	4.4	4.5	7.0	0.7	3.8	6.3
12. Mileage with frontage roads on both sides	1.0				0.5			0.4			0.5		1.1	1.2
13. Typical cross-section reference	20	20	20	20	20	20	30	30	30	30	30	20	20	20
14. Right-of-Way Width: Minimum	250	280	280	280	270	270	260	300	310	310	250	250	230	270
Prevailing	280	300	300	300	300	300	300	350	350	350	320	320	230	360
15. Median Width: Minimum	38	68	68	68	68	76	46	76	76	76	76	38	38	38
Prevailing	38	68	68	68	68	76	46	76	76	76	76	38	38	38

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 94

Sheet 3 of 5 Sheets

ITEM	ESTIMATE SECTION													
	E9.0.1	E9.0.2	E9.0.3	E10	E11	E12	E13	E14	E14.1	E15.1	F1	F2	F3	F4
	E9.0.2	E9.0.3	E10	E11	E12	E13	E14	E14.1	E15.1	F1	F2	F3	F4	F5
	23	23	23	23	23	23	23	22	22	23	23	23	23	21
1. Section Length, miles (0.1)	6.3	0.8	1.4	1.2	3.0	4.9	1.8	0.7	5.1	8.9	6.3	4.1	4.0	2.2
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
3. Urban Area Identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	E	E	N	N	N	N	N
5. Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	70	70	70	70	70	70	70	70	60	70	70	70	70
7. Traffic: a. ADT 1970	1897	1897	1065	1065	1075	1341	1341	1523	1523	1523	1634	1634	1851	1851
b. ADT 1975	2700	2700	1500	1500	1550	1900	1900	2200	2200	2200	2350	2350	2650	2650
c. ADT 1990	3550	3550	2000	2000	2000	2500	2500	2850	2850	2850	3050	3050	3500	3500
d. ADT 2000	4100	4100	2300	2300	2300	2900	2900	3250	3250	3250	3500	3500	4000	4000
8. Traffic: a. Design Year (19)	92	75	92	92	92	92	92	93	93	90	90	90	90	88
b. ADT Design Year	3700	2700	2050	2050	2100	2600	2600	3000	3000	2850	3050	3050	3500	3350
c. DHV Design Year	440	320	250	250	250	310	310	360	360	340	370	370	420	400
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	13	13	18	18	17	14	14	13	13	13	13	13	11	11
f. T Percent trucks design year (ADT)	18	18	25	25	24	20	20	19	19	19	19	19	15	15
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads	2.7	0.3	1.4	1.2	3.0	4.4	1.8	0.7	5.1				1.8	
11. Mileage with frontage roads one side only	3.6	0.5				0.5				8.9	6.3	4.1	2.2	1.5
12. Mileage with frontage roads on both sides														0.7
13. Typical cross-section reference	20	31	20	20	20	20	20	20	30	30	30	30	30	30
14. Right-of-Way Width: Minimum	270	300	300	240	240	240	240	300	300	350	350	280	280	300
Prevailing	400	400	400	250	250	250	250	350	350	400	400	300	300	300
15. Median Width: Minimum	38	38	38	38	38	38	38	46	46	76	76	76	76	76
Prevailing	38	38	38	38	38	38	38	46	46	76	76	76	76	76

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE MontanaINTERSTATE ROUTE NO. 94Sheet 4 of 5 Sheets

ITEM	ESTIMATE SECTION													
	F5	F6	F7	F8	F9	F10	F11	F12	F13.1	F13.2	F13.3	F14	F14.1	F15
	F6	F7	F8	F9	F10	F11	F12	F13.1	F13.2	F13.3	F14	F14.1	F15	F15.1
	21	23	23	22	22	22	22	23	23	21	21	21	21	23
1. Section Length, miles (0.1)	4.3	2.5	0.2	4.2	5.9	5.5	7.5	1.5	2.1	1.0	0.3	0.1	0.2	1.0
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	U*	R	R	U*	U*	U*
3. Urban Area Identification (name and code)									360#			360#	360#	360#
4. Location: Existing, new or toll (E, N or T)	N	N	N	E	E	E	E	N	N	N	N	N	N	E
5. Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6. Design speed (V)	70	70	70	70	80	80	80	70	70	70	70	70	70	70
7. Traffic: a. ADT 1970	1851	1851	1444	1444	1444	1423	1667	1667	1851	1851	1851	1851	1851	1684
b. ADT 1975	2650	2650	2050	2050	2050	2000	2400	2400	2650	2650	2650	2650	2650	2800
c. ADT 1990	3500	3500	2700	2700	2700	2700	3150	3150	3500	3500	3500	3500	3500	3700
d. ADT 2000	4000	4000	3100	3100	3100	3050	3600	3600	4000	4000	4000	4000	4000	4200
8. Traffic: a. Design Year (19)	88	92	92	92	92	92	92	88	88	87	87	87	87	87
b. ADT Design Year	3350	3600	2800	2800	2800	2750	3250	3050	3350	3350	3350	3350	3350	3500
c. DHV Design Year	400	430	340	340	340	330	390	370	400	400	400	400	400	460
d. D Directional distribution factors	55	55	55	55	55	55	55	55	55	55	55	55	55	55
e. T Percent trucks design year (DHV)	11	11	11	11	11	11	11	11	11	11	11	11	11	15
f. T Percent trucks design year (ADT)	15	15	16	16	16	16	16	16	16	16	16	16	16	22
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4	4	4	4	4	4	4	4
10. Mileage without frontage roads					5.0		4.6	0.5	1.4	1.0	0.3	0.1	0.2	
11. Mileage with frontage roads one side only	4.3	2.5	0.2	3.5	0.8	1.4	2.2	1.0	0.7					
12. Mileage with frontage roads on both sides				0.7	0.1	4.1	0.7							1.0
13. Typical cross-section reference	30	30	61	30	30	30	30	30	30	30	61	61	30	30
14. Right-of-Way Width: Minimum	300	300	300	300	280	260	270	240	240	240	240	240	240	240
Prevaling	300	300	300	320	330	330	320	270	270	270	270	270	270	270
15. Median Width: Minimum	76	76	76	76	68	68	68	46	46	46	46	46	46	46
Prevaling	76	76	76	76	68	68	68	46	46	46	46	46	46	46

Glendive

* Section is comparable to a corresponding section in the 1970 Estimate.

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 94

Sheet 5 of 5 Sheets

ITEM	ESTIMATE SECTION								Subtotal				
	F15.1 F16	F16 F17.1	F17.1 F17.2	F17.2 F18	F18 F19	F19 F20	F20 F20.1				Rural	Urban	Total
	21	22	23	23	22	22	22						
1. Section Length, miles (0.1)	1.7	1.4	2.7	12.8	4.7	4.7	5.9				244.4	3.4	247.8
2. Class: Rural or Urban (R or U)	R	R	R	R	R	R	R						
3. Urban Area Identification (name and code)													
4. Location: Existing, new or toll (E, N or T)	E	E	N	N	E	E	E						
5. Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1						
6. Design speed (V)	70	70	70	70	70	70	70						
7. Traffic: a. ADT 1970	1684	1684	1684	1684	1563	1563	1675						
b. ADT 1975	2800	2800	2800	2800	2600	2600	2800						
c. ADT 1990	3700	3700	3700	3700	3400	3400	3650						
d. ADT 2000	4200	4200	4200	4200	3900	3900	4200						
8. Traffic: a. Design Year (19)	87	93	93	93	94	94	94						
b. ADT Design Year	3500	3850	3850	3850	3600	3600	3850						
c. DHV Design Year	460	500	500	500	470	470	500						
d. D Directional distribution factors	55	55	55	55	55	55	55						
e. T Percent trucks design year (DHV)	15	15	15	15	15	15	15						
f. T Percent trucks design year (ADT)	22	22	22	22	22	22	22						
g. Assigned Corridor ADT design year													
9. Number of through traffic lanes (Design yr trf)	4	4	4	4	4	4	4						
10. Mileage without frontage roads			0.7		0.9	2.7	5.9				96.8	1.7	98.5
11. Mileage with frontage roads one side only	1.7	1.4	2.0	9.4	3.4	2.0					129.8	.7	130.5
12. Mileage with frontage roads on both sides				3.4	0.4						17.8	1.0	18.8
13. Typical cross-section reference	30	20	20	20	30	30	30						
14. Right-of-Way Width: Minimum	240	300	240	270	350	250	240						
Prevailing	270	400	300	300	350	270	300						
15. Median Width: Minimum	46	38	38	38	38	38	38						
Prevailing	46	38	38	38	38	38	38						

Signature: Leona M. Johnston State Highway Engineer July 16, 1971
State: _____ Name Title Date
FHWA: H. M. Stewart Division Engineer July 16, 1971
Name Title Date

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 94
Sheet 1 of 5 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	D16	D17	D18	D19	D20.1	D20.2	D21.1	D21.2	D22.1	D22.2	D23	D24	D25.0.1	D25.0.2
	D17	D18	D19	D20.1	D20.2	D21.1	D21.2	D22.1	D22.2	D23	D24	D25.0.1	D25.0.2	D26.1
	23	20	23	23	23	23	23	23	23	23	23	23	23	23
Section Length, miles (0.1)	6.5	6.5	10.5	9.0	1.9	3.4	5.1	3.0	3.7	1.3	1.0	3.5	4.0	2.1
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Urban Area identification (name and code)														
Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	0	0	4	4	4	4	4	4	2	2	2	2	2
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement December 31, 1971	1a(1)f	1a(1)f	1a(1)f	4a(1)	4a(1)	4a(1)	4a(1)	4a(1)	4a(1)	2a(2)f	2a(2)f	2a(2)f	1a(1)f	2a(2)f
WORK CLASSIFICATION														
1. Preliminary Engineering	1	1	4	12	2	4	7	1	1		4	13	13	3
2. Right-of-Way														
a. Right-of-Way and acquisition										3	2	10		
b. Relocation payments														
3. Clear & grub; demolition														
4. Utility adjustments										1		1		
5. Grade & drain; minor structures				2,892	486	755	1,898	514	558	111	63	324		144
6. Subbase; base; surfacing; shoulders				1,302	253	454	663	390	633	85	65	270		136
7. R.R. grade separations														
8. Highway grade separations without ramps				447		76								
9. Interchanges									761		236			
10. Other bridges; tunnels				134	58			13		646				
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices				174	46	79	91	54	54	13	12	61		18
b. Motorist service signs														
c. Safety improvements on completed sections	9	14	76										232	
13. Roadside improvement														
a. Erosion Control				48	10	18	27	16	20	5	4	13		8
b. Landscaping									72		36			
c. Rest Areas						146	146							
d. Scenic overlooks														
14. All other items				73			36		22	22	22			
15. Subtotal, lines 3 to 14	9	14	76	5,070	853	1,528	2,861	987	2,098	883	438	691	232	306
16. Construction Engineering & Contingencies, 10% of Line 15	1	1	8	507	85	153	286	99	210	88	44	69	23	31
17. Total Cost of Construction, Lines 15 & 16	10	15	84	5,577	938	1,681	3,147	1,086	2,308	971	482	760	255	337
18. Total Estimate Cost, line 1, 2 & 17	11	16	88	5,589	940	1,685	3,154	1,087	2,309	974	488	783	268	340

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 94
Sheet 2 of 5 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	D26.1	D26.2	D27	E1	E2.1	E2.2	E3	E4	E4.1	E5	E6	E6.1	E7	E8
	D26.2	D27	E1	E2.1	E2.2	E3	E4	E4.1	E5	E6	E6.1	E7	E8	E9.0.1
Section Length, miles (0.1)	23	23	23	23	23	23	23	23	21	21	21	21	23	23
Class: Rural or Urban (R or U)	5.6	4.1	5.8	7.2	1.6	5.4	2.9	2.7	4.4	4.5	7.5	0.7	4.9	8.1
Urban Area identification (name and code)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Location: Existing, new or toll (E, N or T)														
Mileage increment: Code 1, 2, 3 or 4	N	N	N	N	N	N	N	N	N	N	N	N	N	N
No. Lanes to be constructed this estimate	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be improved this estimate	2	2	2	2	2	2	2	4	4	0	0	0	2	2
No. through traffic lanes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Status of improvement December 31, 1970	4	4	4	4	4	4	4	4	4	4	4	4	4	4
WORK CLASSIFICATION	2a(2)f	2a(2)f	2a(2)f	2a(2)f	2a(2)f	2a(2)f	4a(1)	4a(1)	1a(1)f	1a(1)f	1a(1)f	2a(2)f	2a(2)f	2a(2)f
1. Preliminary Engineering	7	5	8	15			25	25					25	
2. Right-of-Way														
a. Right-of-Way and acquisition							43	43						
b. Relocation payments							111	111						
3. Clear & grub; demolition														
4. Utility adjustments							25	25						
5. Grade & drain; minor structures	386	506	317	595			552	371				28	571	730
6. Subbase; base; surfacing; shoulders	372	286	377	484			478	450				46	325	604
7. R.R. grade separations														
8. Highway grade separations without ramps			146					127					43	
9. Interchanges	377	128		324			921						183	125
10. Other bridges; tunnels		99											47	
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices	79	47	36	28			108	36				1	44	39
b. Motorist service signs														
c. Safety improvements on completed sections														
13. Roadside improvement														
a. Erosion Control	22	16	22	28			15	14				3	19	31
b. Landscaping	72	36		36			72						36	36
c. Rest Areas	146										248			
d. Scenic overlooks														
14. All other items	44	22	44	25									44	22
15. Subtotal, lines 3 to 14	1,498	1,140	942	1,520			2,171	1,023			248	78	1,312	1,587
16. Construction Engineering & Contingencies, 10% of Line 15	150	114	94	152			217	102			25	8	131	159
17. Total Cost of Construction, Lines 15 & 16	1,648	1,254	1,036	1,672			2,388	1,125			273	86	1,443	1,746
18. Total Estimate Cost, line 1, 2 & 17	1,655	1,259	1,044	1,687			2,567	1,304			273	86	1,468	1,746

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 94Sheet 3 of 5 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	E9.0.1	E9.0.2	E9.0.3	E10	E11	E12	E13	E14	E14.1	E15.1	F1	F2	F3	F4
	E9.0.2	E9.0.3	E10	E11	E12	E13	E14	E14.1	E15.1	F1	F2	F3	F4	F5
	23	23	23	23	23	23	23	23	22	22	23	23	23	21
Section Length, miles (0.1)	6.3	0.8	1.4	1.2	3.0	4.9	1.8	0.7	5.1	8.9	6.3	4.1	4.0	2.2
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R
Urban Area identification (name and code)														
Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	E	E	N	N	N	N	N
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	2	0	2	2	2	2	2	2	4	0	0	0	0	0
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement December 31, 1970	2a(2)f	1a(1)f	2a(2)f	2a(2)f	2a(2)f	2a(2)f	2a(2)f	2a(2)f	4a(3)	3a(2)	3a(2)	3a(2)	3a(2)	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering		2						6	44		6			1
2. Right-of-Way														
a. Right-of-Way and acquisition									26			60	45	
b. Relocation payments														
3. Clear & grub; demolition														
4. Utility adjustments				6	4	3	4		2			4	4	
5. Grade & drain; minor structures	1,204		123	257	400	499	207	106	962					
6. Subbase; base; surfacing; shoulders	520		91	78	195	325	117	57	449					
7. R.R. grade separations														
8. Highway grade separations without ramps	82		43	84	145	130								
9. Interchanges	83	47		214	162			213			196		22	
10. Other bridges; tunnels			323											
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices	26		11	15	40	21	12	13	102					
b. Motorist service signs														
c. Safety improvements on completed sections		40												6
13. Roadside improvement														
a. Erosion Control	24		5	5	12	19	7	3	27					
b. Landscaping	36			36	36			36						
c. Rest Areas										248				
d. Scenic overlooks														
14. All other items	44		22		22	66	22		36					
15. Subtotal, lines 3 to 14	2,019	87	618	695	1,016	1,063	369	428	1,578	248	196	4	26	6
16. Construction Engineering & Contingencies, 10% of Line 15	202	9	62	69	102	106	37	43	158	25	20	0	3	1
17. Total Cost of Construction, Lines 15 & 16	2,221	96	680	764	1,118	1,169	406	471	1,736	273	216	4	29	7
18. Total Estimate Cost, line 1, 2 & 17	2,221	98	680	764	1,118	1,169	406	477	1,806	273	222	64	74	8

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 94
Sheet 4 of 5 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE													
	F5 F6	F6 F7	F7 F8	F8 F9	F9 F10	F10 F11	F11 F12	F12 F13.1	F13.1 F13.2	F13.2 F13.3	F13.3 F14	F14 F14.1	F14.1 F15	F15 F15.1
	21	23	23	22	22	22	22	23	23	21	21	21	21	23
Section Length, miles (0.1)	4.3	2.5	0.2	4.2	5.9	5.5	7.5	1.5	2.1	1.0	0.3	0.1	0.2	1.0
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	U	R	R	U	U	U
Urban Area identification (name and code)									360#			360#	360#	360#
Location: Existing, new or toll (E, N or T)	N	N	N	E	E	E	E	N	N	N	N	N	N	E
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1
No. Lanes to be constructed this estimate	0	4	4	4	4	4	4	0	0	0	0	0	0	0
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Status of improvement December 31, 1970	1a(1)f	4a(1)	4a(1)	4a(1)	4a(3)	4a(3)	4a(1)	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f
WORK CLASSIFICATION														
1. Preliminary Engineering	1	7		13	25	23	32	1	1					1
2. Right-of-Way														
a. Right-of-Way and acquisition		58		115			82	4	6	6	4	6	4	4
b. Relocation payments		27												
3. Clear & grub; demolition														
4. Utility adjustments		50	11	75			116							
5. Grade & drain; minor structures		852		1,094	766	472	1,143							
6. Subbase; base; surfacing; shoulders		338		697	979	933	1,278							
7. R.R. grade separations		281												
8. Highway grade separations without ramps				131	58		76							
9. Interchanges		331			384	352	750							
10. Other bridges; tunnels			2,837											
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices		63	1	65	58	56	93							
b. Motorist service signs														
c. Safety improvements on completed sections	11							5	13	1	0	1	1	3
13. Roadside improvement														
a. Erosion Control		13		22	31	29	40							
b. Landscaping		36			36	36	72							
c. Rest Areas					146									
d. Scenic overlooks														
14. All other items					36		73							
15. Subtotal, lines 3 to 14	11	1,964	2,849	2,084	2,494	1,878	3,641	5	13	1	0	1	1	3
16. Construction Engineering & Contingencies, 10% of Line 15	1	196	285	208	249	188	364	1	1	0	0	0	0	0
17. Total Cost of Construction, Lines 15 & 16	12	2,160	3,134	2,292	2,743	2,066	4,005	6	14	1	0	1	1	4
18. Total Estimate Cost, line 1, 2 & 17	13	2,252	3,134	2,420	2,768	2,089	4,119	11	21	7	4	7	5	8

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 94
Sheet 5 of 5 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE								SUBTOTAL				
	F15.1 F16	F16 F17.1	F17.1 F17.2	F17.2 F18	F18 F19	F19 F20	F20 F21				RURAL	URBAN	TOTAL FOR RTE.
	21	22	23	23	22	22	22						
Section Length, miles (0.1)	1.7	1.4	2.7	12.8	4.7	4.7	5.9				244.4	3.4	247.8
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R						
Urban Area identification (name and code)													
Location: Existing, new or toll (E, N or T)	E	E	N	N	E	E	E						
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1						
No. Lanes to be constructed this estimate	0	2	2	2	2	2	2						
No. Lanes to be improved this estimate	0	0	0	0	0	0	0						
No. through traffic lanes	4	4	4	4	4	4	4						
Status of improvement December 31, 1970	1a(1)f	2a(2)f	2a(2)f	2a(2)f	2a(2)f	2a(2)f	2a(2)f						
WORK CLASSIFICATION													
1. Preliminary Engineering					10	10	11				369	1	370
2. Right-of-Way													
a. Right-of-Way and acquisition	4	4	11	30	3	3	3				573	6	579
b. Relocation payments											249	-	249
3. Clear & grub; demolition											-	-	-
4. Utility adjustments		1	3	7							342		342
5. Grade & drain; minor structures		257	327	1,186	314	378	450				22,798		22,798
6. Subbase; base; surfacing; shoulders		138	229	1,110	421	385	484				16,497		16,497
7. R.R. grade separations											281		281
8. Highway grade separations without ramps		76		76							1,740		1,740
9. Interchanges				618	397	287	337				7,448		7,448
10. Other bridges; tunnels				64		164					4,385		4,385
11. Walls													
12. Traffic control and safety improvements													
a. Guardrail; fencing; lighting; traffic control devices		44	50	135	42	37	75				1,979		1,979
b. Motorist service signs													
c. Safety improvements on completed sections											412		412
13. Roadside improvement													
a. Erosion Control		5	10	49	18	18	23				699		699
b. Landscaping				72	36	72	36				936		936
c. Rest Areas				146							1,226		1,226
d. Scenic overlooks											-	-	-
14. All other items											697		697
15. Subtotal, lines 3 to 14	0	521	619	3,463	1,228	1,341	1,405				59,440		59,440
16. Construction Engineering & Contingencies, 10% of Line 15	0	52	62	346	123	134	140				5,944		5,944
17. Total Cost of Construction, Lines 15 & 16	0	573	681	3,809	1,351	1,475	1,545				65,385		65,385
18. Total Estimate Cost, line 1, 2 & 17	4	577	692	3,839	1,364	1,488	1,559				66,576	7	66,583

Signature: Lowell C. Johnson State Highway Engineer July 16, 1971
 State: Montana Name: Lowell C. Johnson Title: State Highway Engineer Date: July 16, 1971

H. N. Stewart Division Engineer July 16, 1971
 FHWA: H. N. Stewart Name: H. N. Stewart Title: Division Engineer Date: July 16, 1971

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INTERSTATE ROUTE NO. 94
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[illegible]

INTERSTATE ROUTE NO. 94
Sheet 2 of 5 Sheets

INTERSTATE ROUTE NO. 94
Sheet 2 of 5 Sheets

[illegible]

INTERSTATE ROUTE NO. 94
Sheet 3 of 5 Sheets

INTERSTATE ROUTE NO. 94
Sheet 3 of 5 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE																											
	E9.0.1	E9.0.2	E9.0.3	E10	E11	E12	E13	E14	E14.1	E15.1	F1	F2	F3	F4	E9.0.2	E9.0.3	E10	E11	E12	E13	E14	E14.1	E15.1	F1	F2	F3	F4	F5
	23	23	23	23	23	23	23	23	22	22	23	23	23	23	23	23	23	23	23	23	22	22	23	23	23	23	23	21
Section length, miles (0.1)	6.3	0.8	1.4	1.2	3.0	4.9	1.8	0.7	5.1	8.9	6.3	4.1	4.0	2.2														
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	R	R	R	R	R	R														
Urban Area identification (name and code)																												
Location: Existing, new or toll (E, N or T)	N	N	N	N	N	N	N	N	E	E	N	N	N	N														
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
No. Lanes to be constructed this estimate	2	0	2	2	2	2	2	2	4	0	0	0	0	0														
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4														
Status of improvement, December 31, 1970	2a(2)f	1a(1)f	2a(2)f	2a(2)f	2a(2)f	2a(2)f	2a(2)f	2a(2)f	4a(3)	3a(2)	3a(2)	3a(2)	3a(2)	1a(1)f														
	ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS AND STRUCTURES																											
Item No. From Table C	WORK CLASSIFICATION																											
	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str
7. R.R. grade separation - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero																											1	2
d. No. in authorized status - cost = zero																												
8. Highway grade separations without ramps - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved	2	4			1	2	1	2	3	6	2	4																
Cost	82				43		84		145		130																	
c. No. in service - cost = zero																												
d. No. in authorized status - cost = zero																			2	4	2	4				1	1	
9. Interchanges - Cost																												
a. No. to be constructed																		1	1									
Cost																		213										
b. No. in service or authorized - to be improved	1	1	1	1			1	2	1	1											1	2				1	1	
Cost	83		47				214		162												196					22		
c. No. in service - cost = zero																												
d. No. in authorized status - cost = zero																												
10. Other bridges and tunnels - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved					1	2																						
Cost					323																							
c. No. in service - cost = zero																												
d. No. in authorized status - cost = zero																					1	2			1	2		
	ESTIMATED COSTS (\$1,000) AND NUMBER OF REST AREAS																											
13c. Rest Areas - Cost																												
a. No. to be constructed																												
Cost																												
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero																												
d. No. in authorized status - cost = zero																												

INTERSTATE ROUTE NO. 94
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ITEM	ESTIMATE SECTION & FINANCE CODE																											
	F5 F6	F6 F7	F7 F8	F8 F9	F9 F10	F10 F11	F11 F12	F12 F13.1	F13.1 F13.2	F13.2 F13.3	F13.3 F14	F14 F14.1	F14.1 F15	F15 F15.1														
	21 4.3	23 2.5	23 0.2	22 4.2	22 5.9	22 5.5	22 7.5	23 1.5	23 2.1	21 1.0	21 0.3	21 0.1	21 0.2	23 1.0														
Section length, miles (0.1)																												
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R	R	U	R	R	U	U	U														
Urban Area identification (name and code)									360#			360#	360#	360#														
Location: Existing, new or toll (E, N or T)	N	N	N	E	E	E	E	N	N	N	N	N	N	E														
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1	1	1	1	1	1	1	1														
No. Lanes to be constructed this estimate	0	4	4	4	4	4	4	0	0	0	0	0	0	0														
No. Lanes to be improved this estimate	0	0	0	0	0	0	0	0	0	0	0	0	0	0														
No. through traffic lanes	4	4	4	4	4	4	4	4	4	4	4	4	4	4														
Status of improvement, December 31, 1970	1a(1)f	4a(1)	4a(1)	4a(1)	4a(3)	4a(3)	4a(1)	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f	1a(1)f														
	ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS AND STRUCTURES																											
Item No. From Table C	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str
7. R.R. grade separation - Cost																												
a. No. to be constructed			1	2																								
Cost				281																								
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero															1	2												
d. No. in authorized status - cost = zero																												
8. Highway grade separations without ramps - Cost																												
a. No. to be constructed					1	1	1	2			1	2																
Cost						131		58				76																
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero	1	1													1	1	1	1										
d. No. in authorized status - cost = zero																												
9. Interchanges - Cost																												
a. No. to be constructed			1	1				1	1	1	2	2	2															
Cost				331					384		352		750															
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero															2	4	1	2								1	1	
d. No. in authorized status - cost = zero																												
10. Other bridges and tunnels - Cost																												
a. No. to be constructed				1	2																							
Cost					2837																							
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero	1	2															1	2										
d. No. in authorized status - cost = zero																												
	ESTIMATED COSTS (\$1,000) AND NUMBER OF REST AREAS																											
13c. Rest Areas - Cost																												
a. No. to be constructed								1																				
Cost									146																			
b. No. in service or authorized - to be improved																												
Cost																												
c. No. in service - cost = zero																												
d. No. in authorized status - cost = zero																												

**TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND REST AREAS
BY ESTIMATE SECTIONS WITH ROUTE TOTALS**

STATE Montana

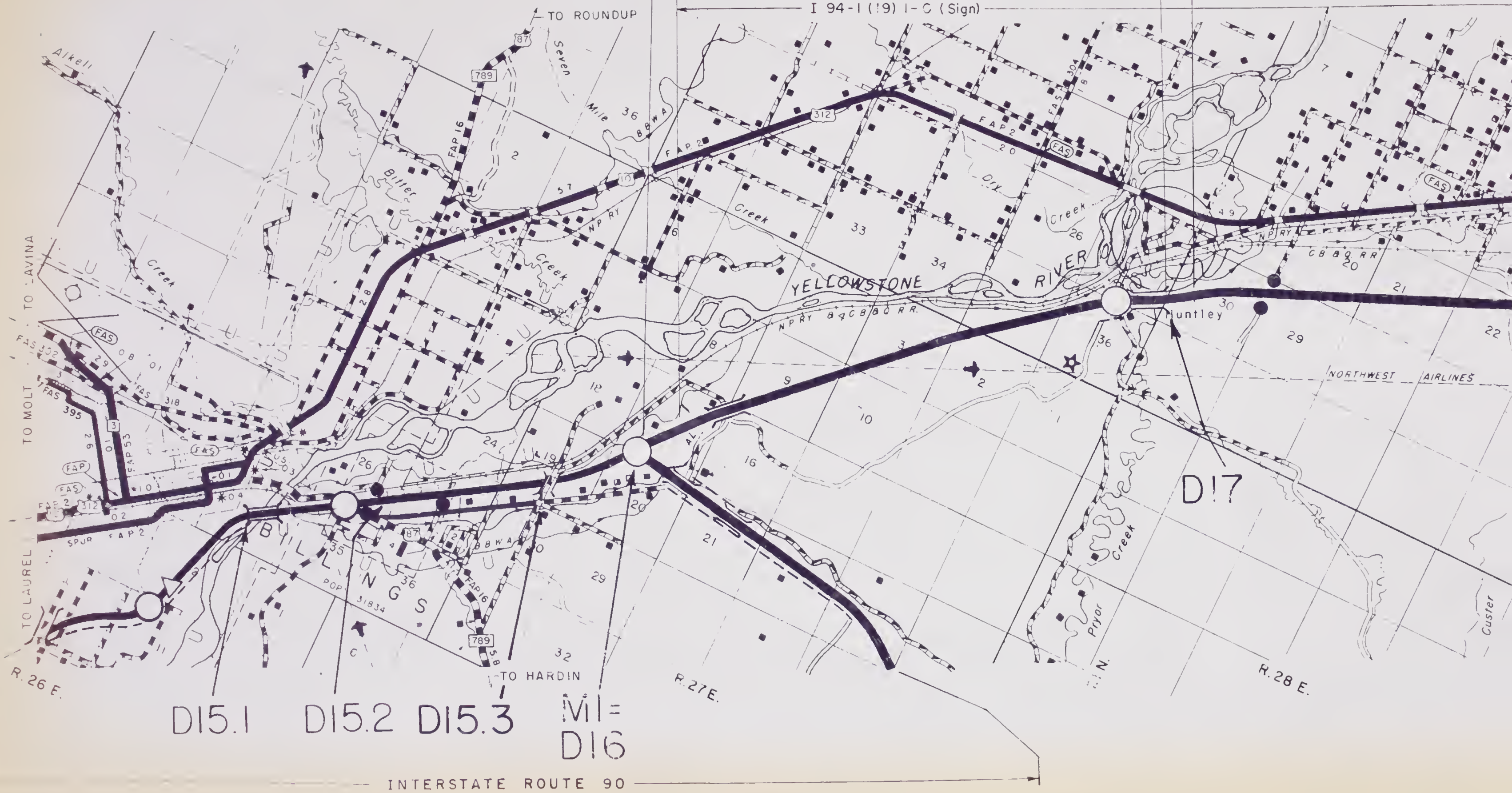
INTERSTATE ROUTE NO. 94
Sheet 5 of 5 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE																SUBTOTAL							
	F15.1 F16	F16 F17.1	F17.1 F17.2	F17.2 F18	F18 F19	F19 F20	F20 F21										RURAL	URBAN	TOTAL FOR RTE.					
	21	22	23	23	22	22	22																	
Section length, miles (O.1)	1.7	1.4	2.7	12.8	4.7	4.7	5.9										244.4	3.4	247.8					
Class: Rural or Urban (R or U)	R	R	R	R	R	R	R																	
Urban Area identification (name and code)																								
Location: Existing, new or toll (E, N or T)	E	E	N	N	E	E	E																	
Mileage increment: Code 1, 2, 3 or 4	1	1	1	1	1	1	1																	
No. Lanes to be constructed this estimate	0	2	2	2	2	2	2																	
No. Lanes to be improved this estimate	0	0	0	0	0	0	0																	
No. through traffic lanes	4	4	4	4	4	4	4																	
Status of improvement, December 31, 1970	1a(1)f	2a(2)f	2a(2)f	2a(2)f	2a(2)f	2a(2)f	2a(2)f																	
ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS AND STRUCTURES																								
Item No. From Table C	WORK CLASSIFICATION																							
	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str
7. R.R. grade separation - Cost																								
a. No. to be constructed																					1	2		
Cost																					281			
b. No. in service or authorized - to be improved																								
Cost																								
c. No. in service - cost = zero																					2	4	1	2
d. No. in authorized status - cost = zero																					1	2		
8. Highway grade separations without ramps - Cost																								
a. No. to be constructed			1	2			1	2													13	23		
Cost			76				76														1213			
b. No. in service or authorized - to be improved																					10	19		
Cost																					527			
c. No. in service - cost = zero																					9	15	1	1
d. No. in authorized status - cost = zero																					6	10		
9. Interchanges - Cost																								
a. No. to be constructed							1	2	1	1			1	2							14	19		
Cost							549		397				337								5178			
b. No. in service or authorized - to be improved							1	2			2	2									14	20		
Cost							69				287										2270			
c. No. in service - cost = zero																					6	10	2	3
d. No. in authorized status - cost = zero																					2	3		
10. Other bridges and tunnels - Cost																								
a. No. to be constructed																					6	9		
Cost																					3042			
b. No. in service or authorized - to be improved							1	2			1	2									6	12		
Cost							64				164										1343			
c. No. in service - cost = zero	1	3																			6	13	1	2
d. No. in authorized status - cost = zero																					4	8		
ESTIMATED COSTS (\$1,000) AND NUMBER OF REST AREAS																								
13c. Rest Areas - Cost																								
a. No. to be constructed							1														9			
Cost							146														1226			
b. No. in service or authorized - to be improved																								
Cost																								
c. No. in service - cost = zero							1														3			
d. No. in authorized status - cost = zero																								

Signature: Leona M. Chatterton State Highway Engineer July 16, 1971
Name Title Date

Signature: H. N. Stewart Division Engineer July 16, 1971
FHWA: Name Title Date

I 94-1(13) 7 C (Rd,
I 94-1(10) 6 R —
- I 94-1(26) 7 C (S



I-IG 94-1(2)6 E-R

I 94-1(13) 7 C (Rd, Str, Fence) (6.5 mi)

I 94-1(10) 6 R

I-IG 94-1(17)13-C (Rd, Str, Fence, Sign) (10.5 Mi)

I 94-1(12) 13 R

I 94-1(29) 13 C (Seeding)

I 94-1(26) 7 C (Seeding)

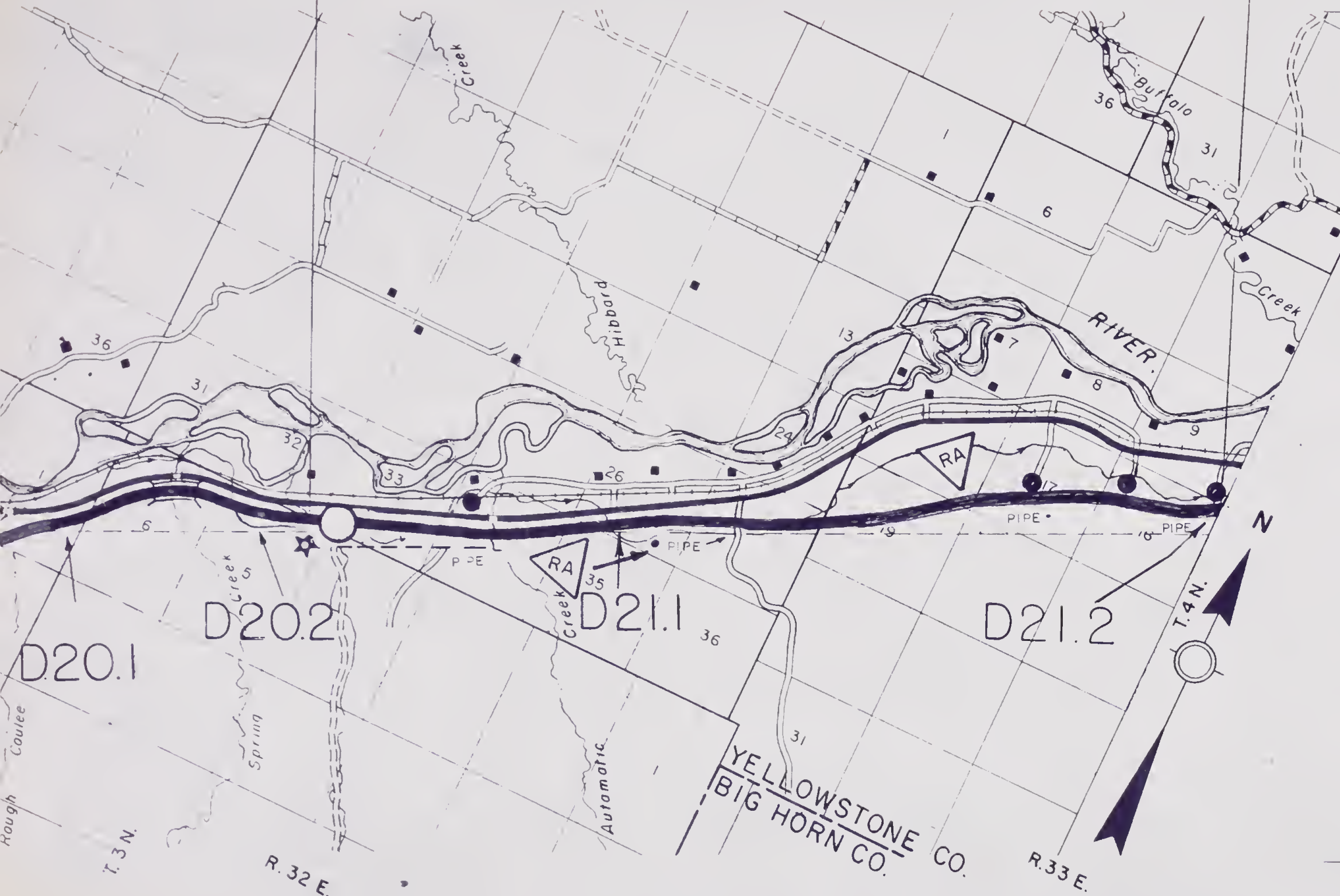


YELLOWSTONE CO.



YELLOWSTONE CO.

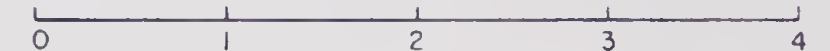
YELLOWSTONE
BIG HORN CO.



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS-ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES

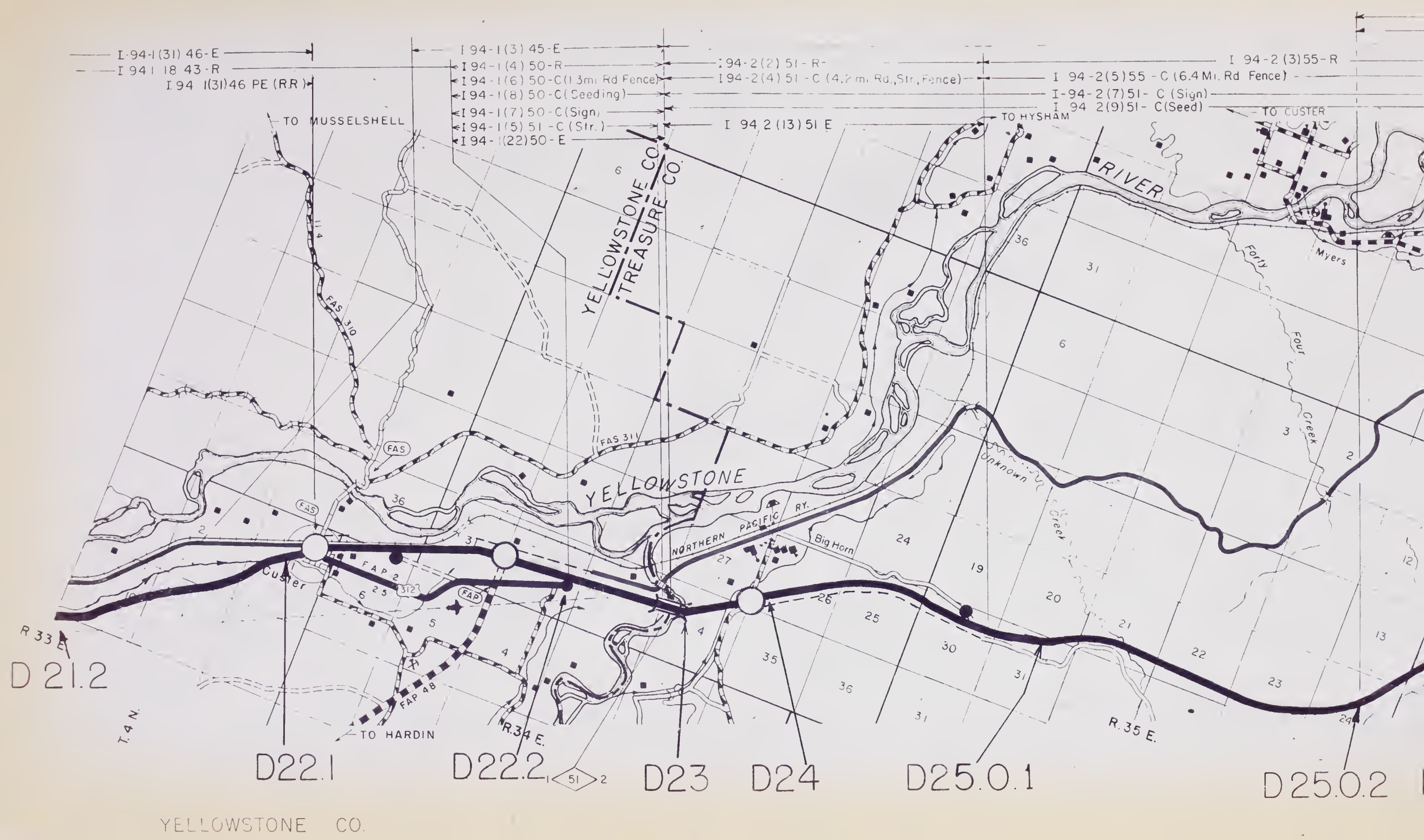


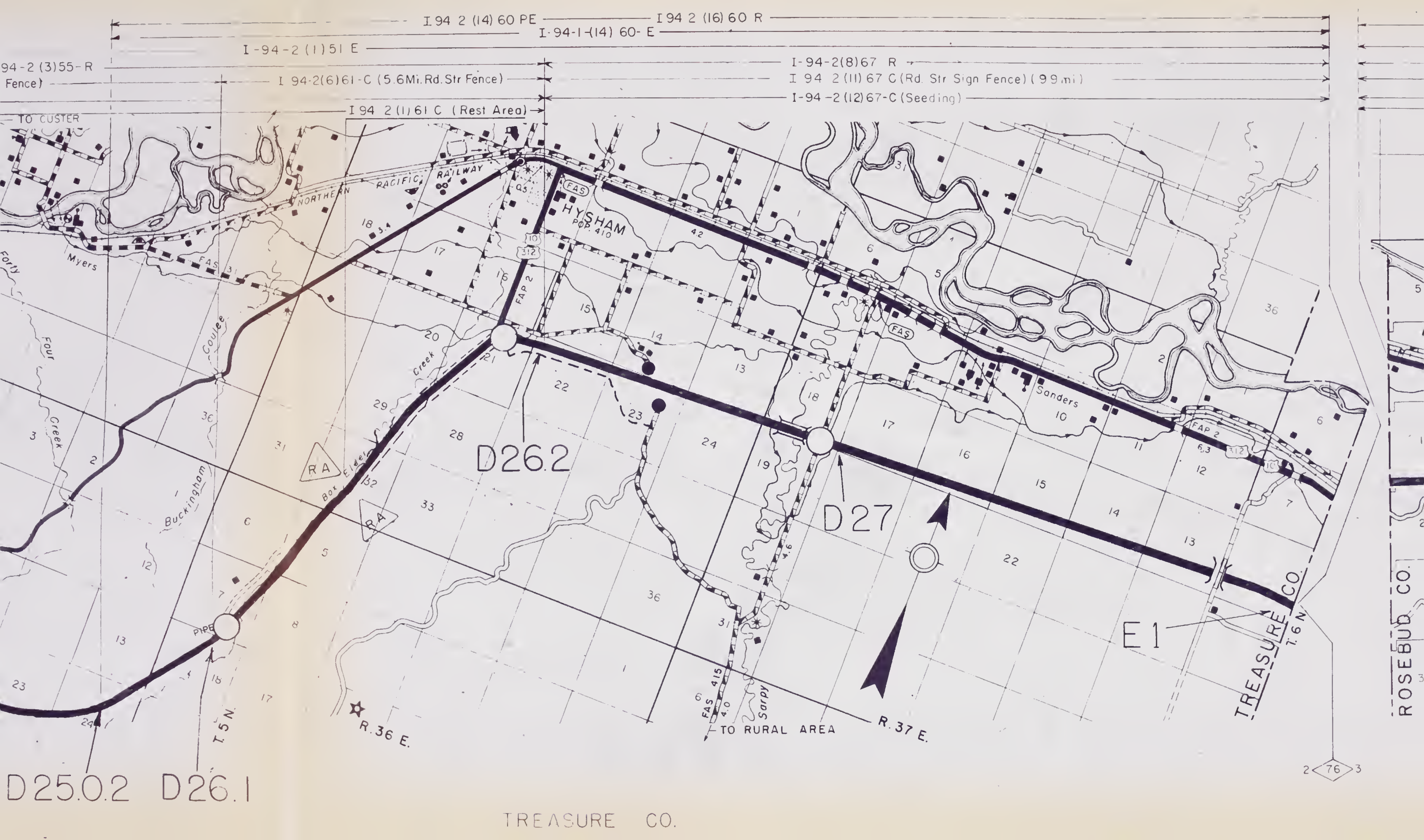
MONTANA

INTERSTATE ROUTE 94

Sheet 1 of 5

Date December 31, 1970





94-2 (3) 55-R
Fence)

I-94-2 (1) 51 E

I 94-2 (6) 61-C (5.6 Mi. Rd. Str Fence)

I 94-2 (1) 61 C (Rest Area)

I 94 2 (14) 60 PE

I-94-1 (14) 60- E

I 94 2 (16) 60 R

I-94-2 (8) 67 R

I 94 2 (11) 67 C (Rd. Str Sign Fence) (9.9 mi)

I-94-2 (12) 67-C (Seeding)

D26.2

D27

D25.0.2 D26.1

TREASURE CO.

TREASURE CO.
T. 6 N.

ROSEBUD CO.

2 76 3

I IG 94-3(4)76-E

I 94 3(9) 76 R

I 94 3(12) 76 (Rd, Str, Sign, Fence) (7.2 mi)

I 94 3(15) 76 - C (Seeding)

I 94 3(17) 76 - PE

I 94 3(19) 76 R

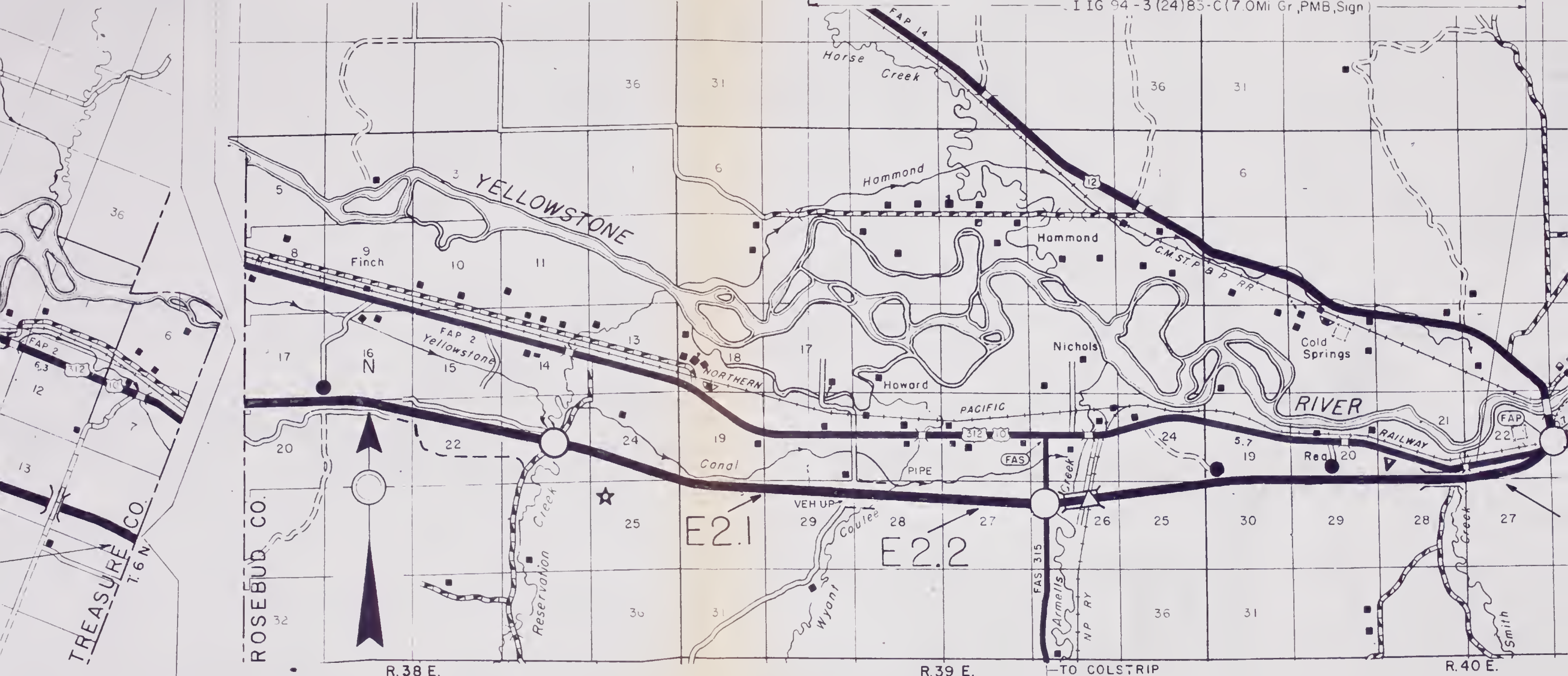
I-IG 94 3(10) 83 R

I-IG-94 3 (13) 83 C (Rd, Str, Sign.) (7.0 mi)

I 94-3(16) 83-E

I IG 94-3(10)83 R

I IG 94-3(24)83-C (7.0 Mi Gr, PMB, Sign)



ROSEBUD CO.

4-3(4)76-E

I 94-3(5) 91-E

I-IG 94 3 (10) 83 R

I 94-3(22)90-R
















I-IG 94 3 (13) 83 C (Rd, Str, Sign.) (7.0 mi)

I 94-3(16) 83-E

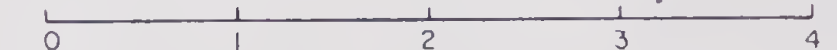
I IG 94-3 (10) 83 R

I IG 94-3 (24) 83-C (7.0 Mi. Gr., PMB, Sign)

LEGEND FOR INTERSTATE ROUTES

-  INTERSTATE LOCATION STEP 4-5
-  INTERSTATE LOCATION STEP 1-2-3
-  INTERCHANGE
-  HIGHWAY GRADE SEPARATION - NO CONNECTION
-  RAILROAD GRADE SEPARATION
-  COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
-  OTHER BRIDGE
-  TUNNEL
-  TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
-  FRONTAGE ROAD
-  TERMINATED CROSS ROAD
-  INTERSECTION AT-GRADE
-  URBAN AREA BOUNDARY
-  POST MILEAGE
-  ROUTE SECTIONS

SCALE IN MILES

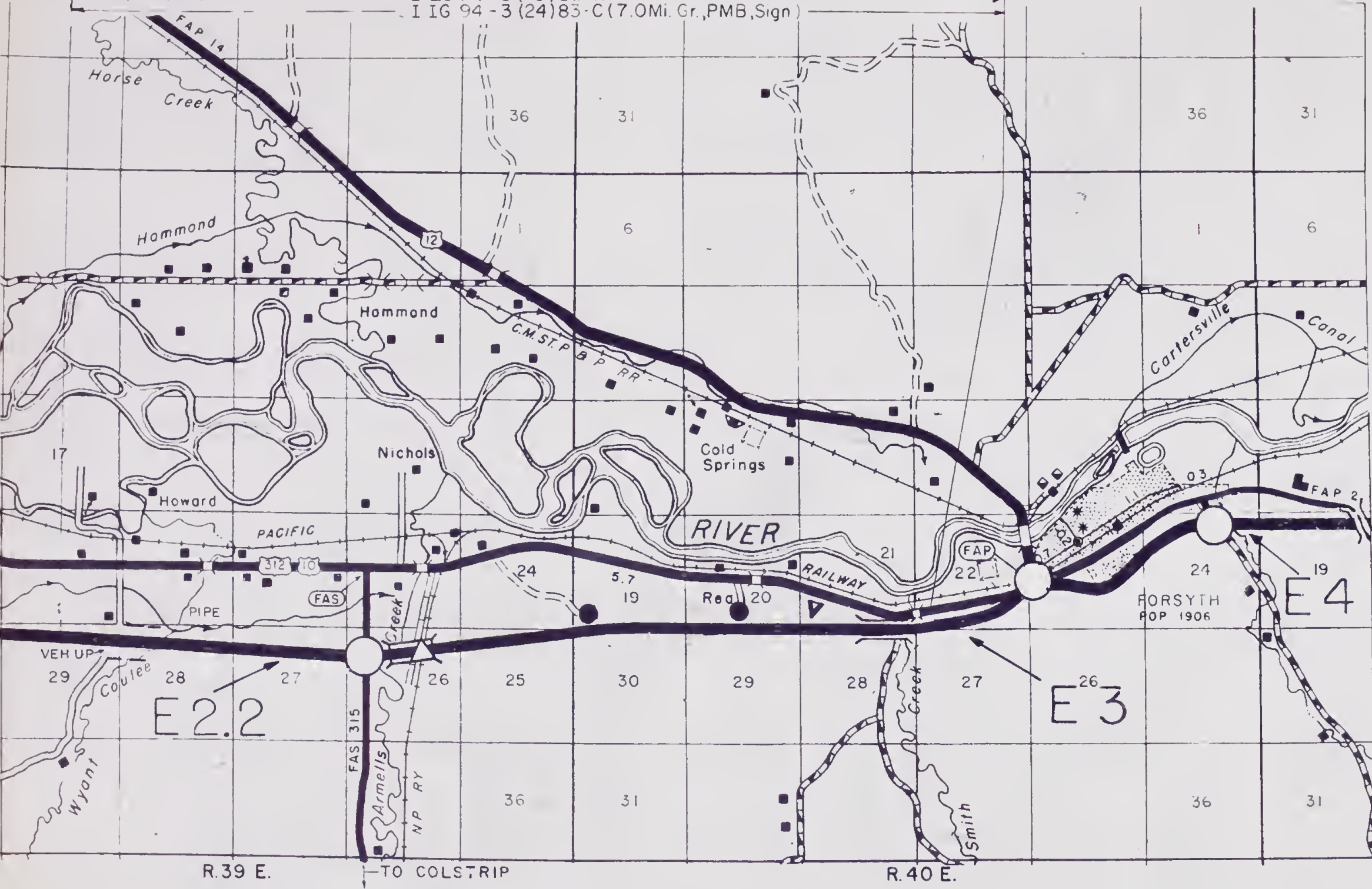


MONTANA

INTERSTATE ROUTE 94

Sheet 2 of 5

Date December 31, 1970



ROSEBUD CO.

I IG 94-3(5)91-E

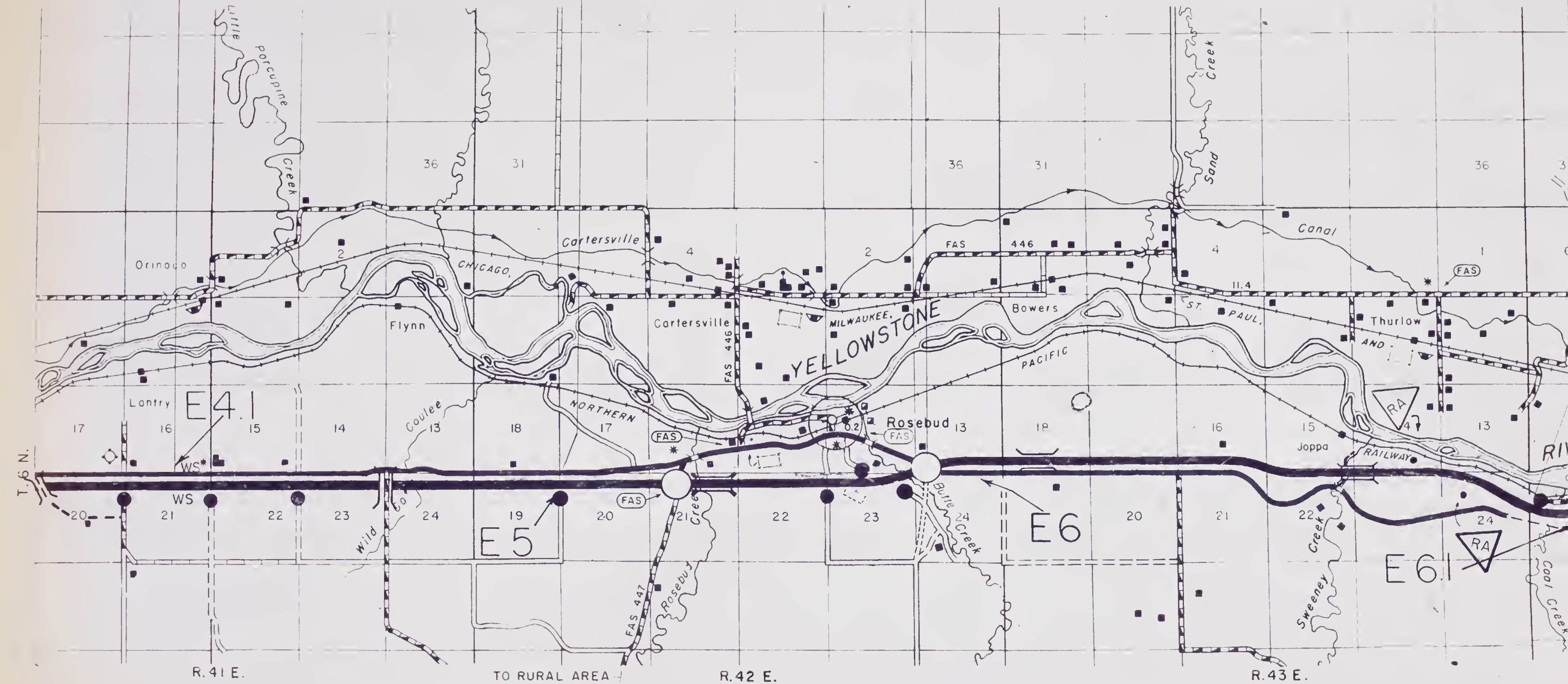
I 94-3(14)95-R

I 94-3(26)95-C (Rd, Sign, Seed, Weigh Sta.)

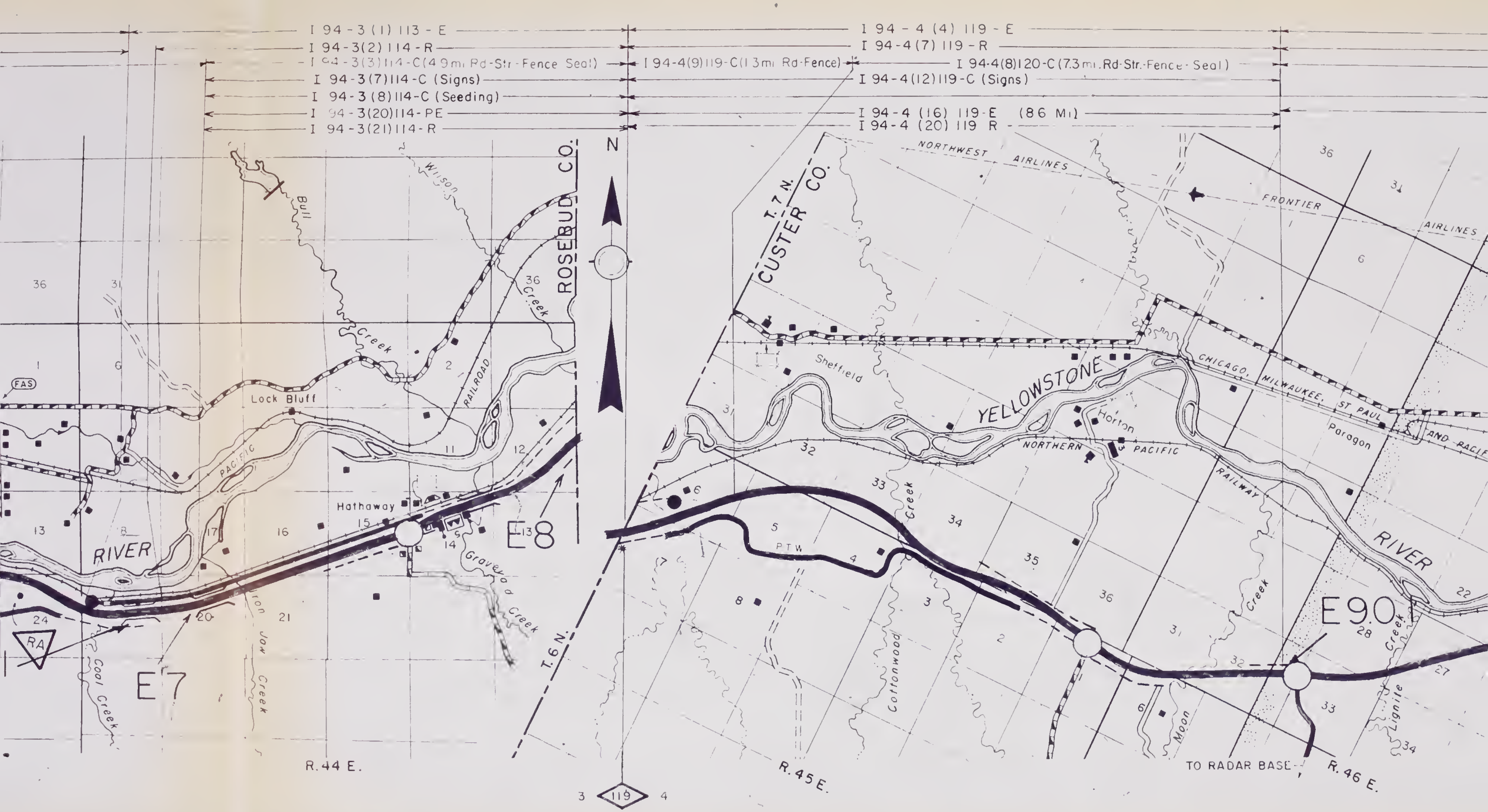
I 94-3(6)101-E

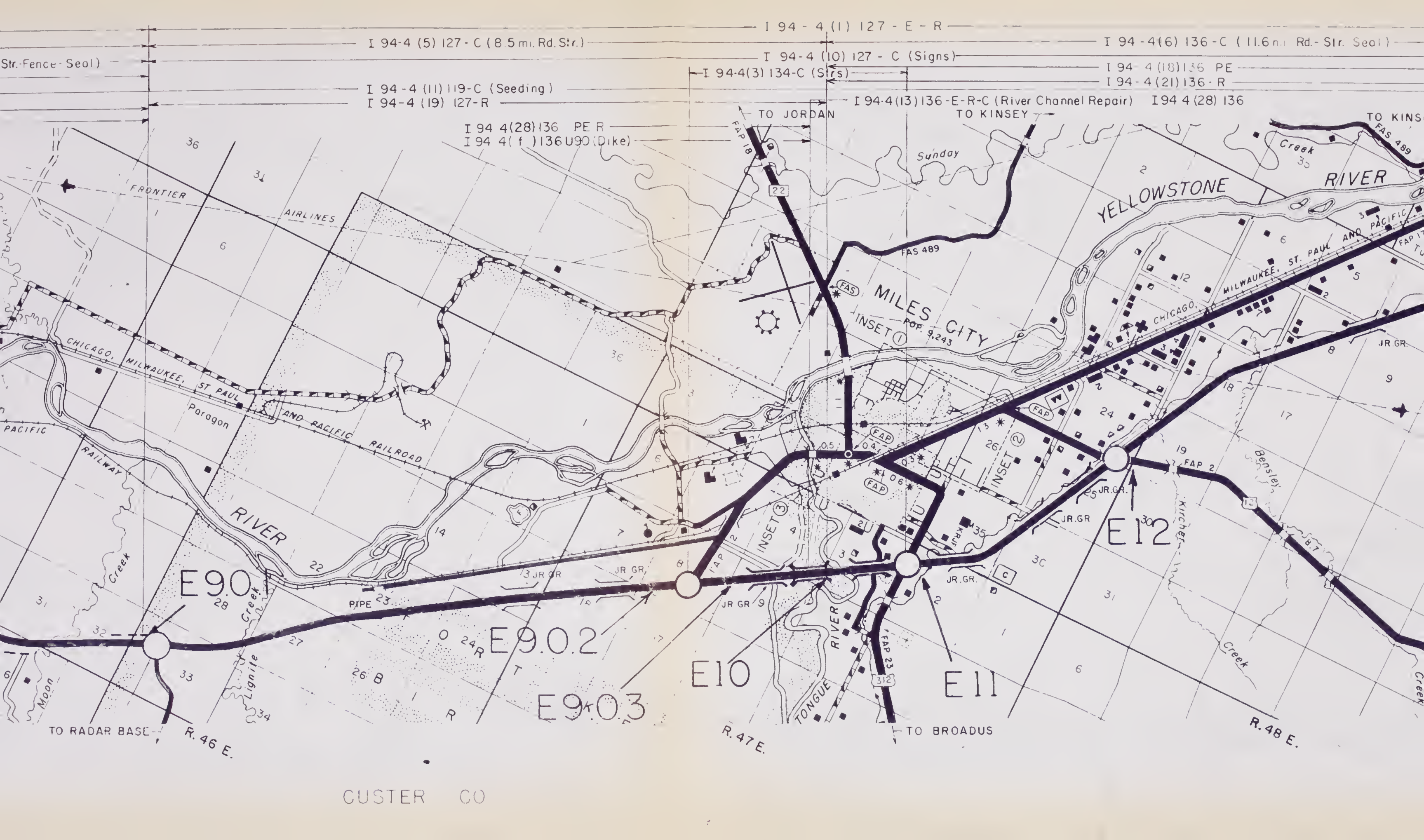
I-94-3(11)105 R-IC

I 94 3 (23) 105-C (Rd, Str, Sign, Fence)



ROSEBUD CO.





I 94-4 (5) 127-C (8.5 mi. Rd. Str.)

I 94-4 (1) 127-E-R

I 94-4 (6) 136-C (11.6 mi. Rd. Str. Seal)

Str. Fence Seal)

I 94-4 (10) 127-C (Signs)

I 94-4 (11) 119-C (Seeding)

I 94-4 (3) 134-C (Strs)

I 94-4 (18) 136-PE

I 94-4 (21) 136-R

I 94-4 (19) 127-R

I 94-4 (13) 136-E-R-C (River Channel Repair)

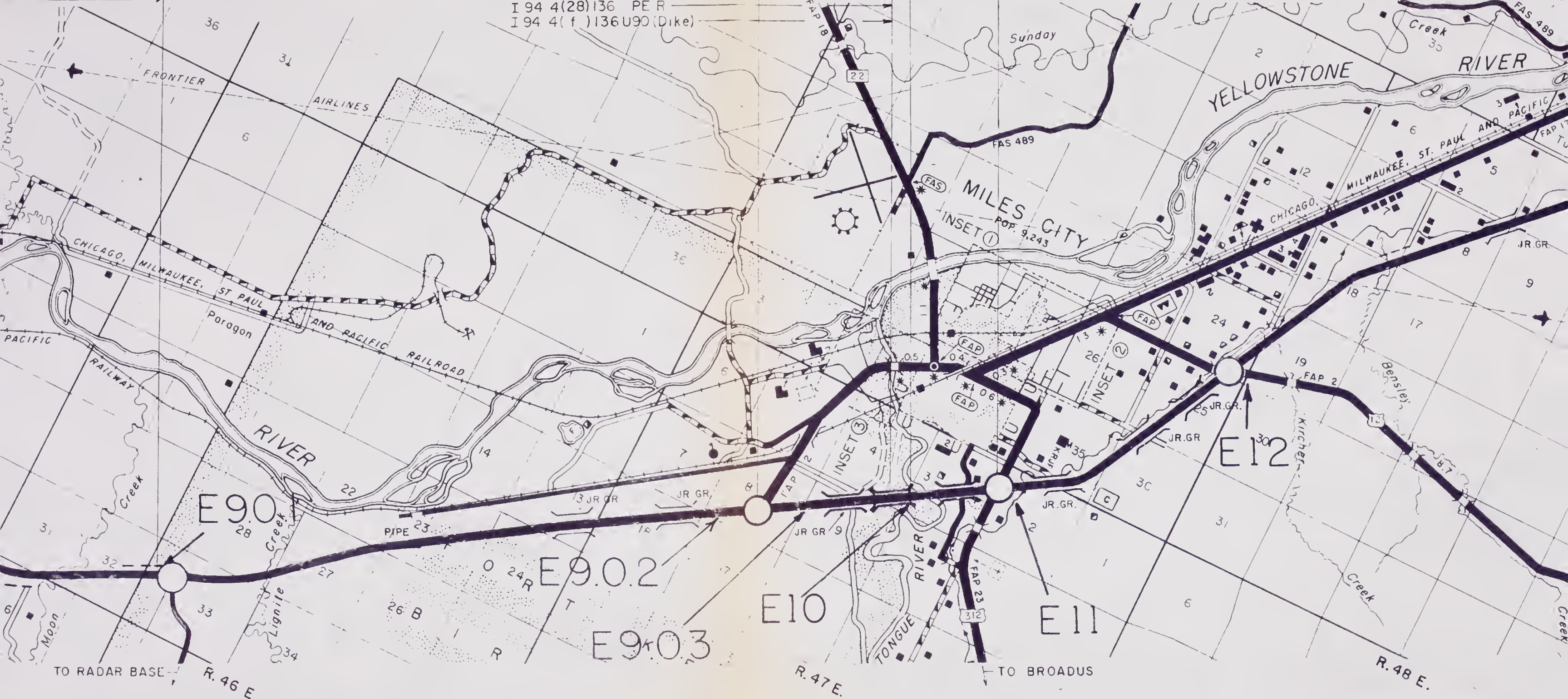
I 94-4 (28) 136

I 94-4 (28) 136-PE-R
I 94-4 (f) 136-U90 (Dike)

TO JORDAN

TO KINSEY

TO KINS



CUSTER CO

I-94-4 (1) 127 E-R

I 94 4 (14) 148-E

I-94-4 (2) 153 E

I-94-4 (22) 153-R

I 94-4 (25) 153-C (Gr, Str, Fen)

I 94 4 (29) 153 C (8.9 Mi Surf, PMB, Sign)

I 94-5 (

I 94-5 (

I 94-5

TO MILES CITY



E14

E14.1

E15.1

CUSTER CO.

I-94-5(1)160-E

I-IG-94-5(2)171-E

I 94-5(6)160-R

I 94-5(5)166-R

I IG 94 5 (4)

I 94-5(12)160 C (Gr, Str, Fen,)

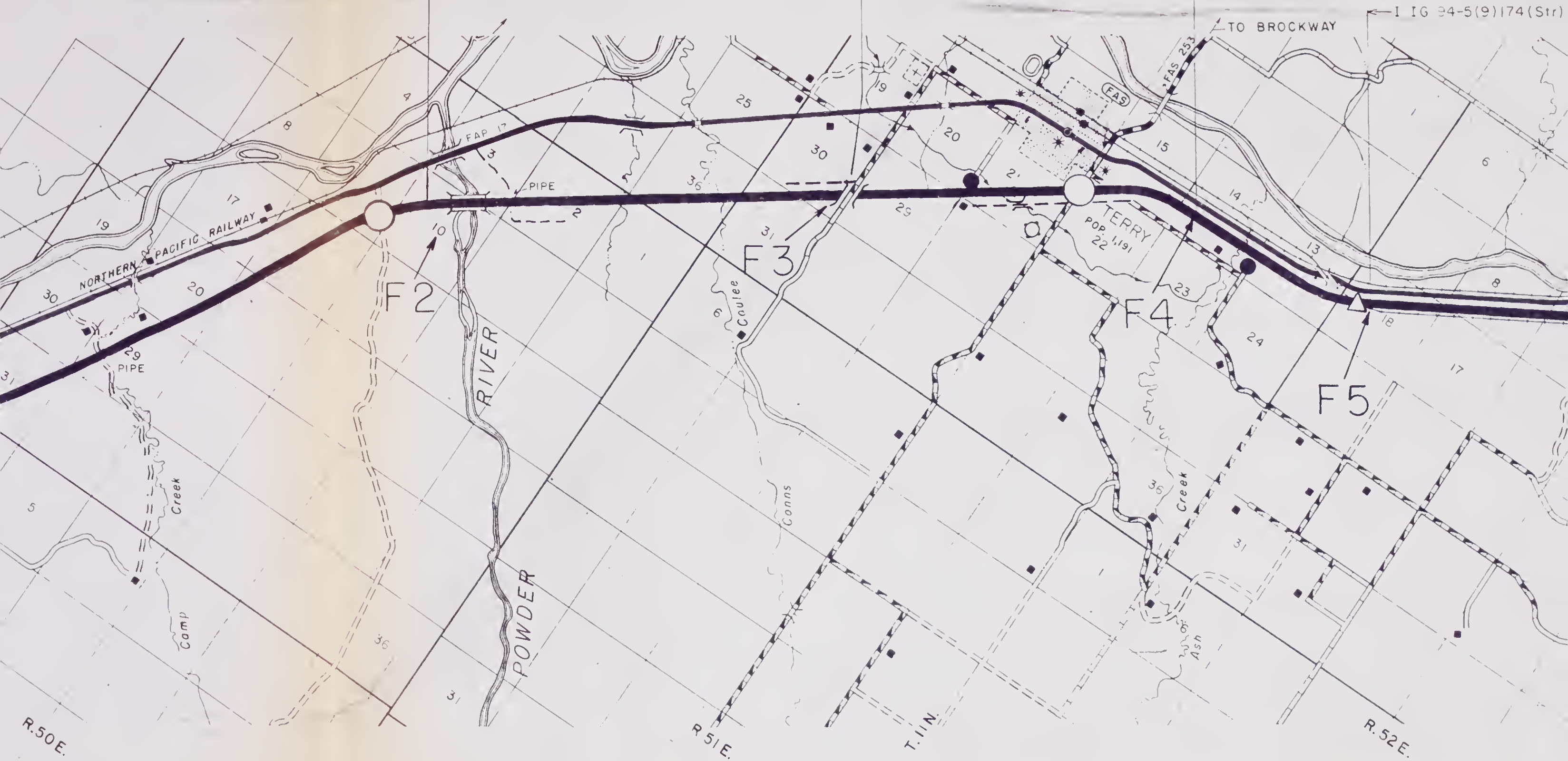
I 94-5(11)166-C (Gr, Str, Fen, PMB, Sign)

I IG 94 5 (7)

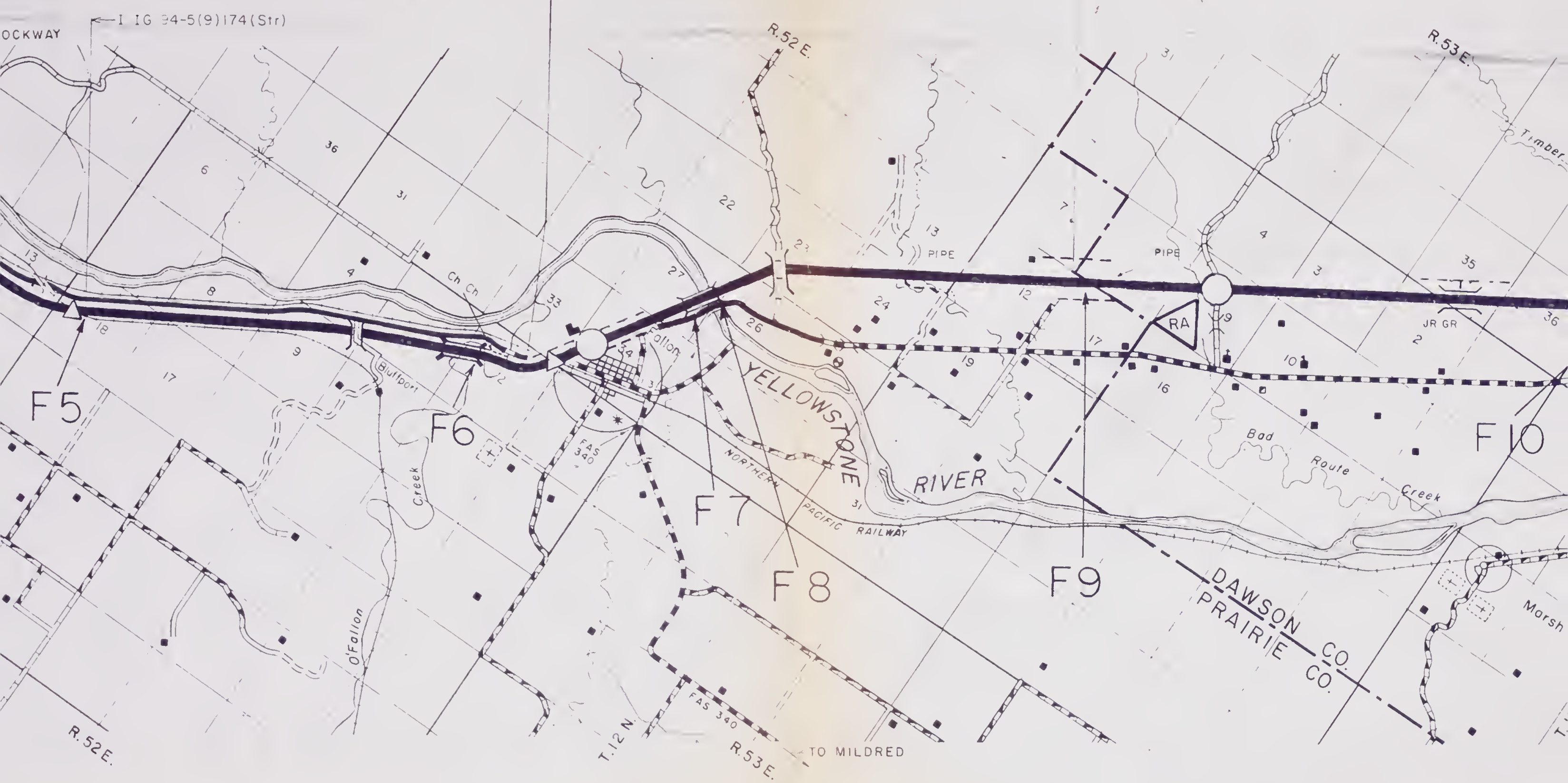
I 94-5(13)160-C (6.3 Mi. Surf, PMB, Sign)

I IG 94 5 (10)

I IG 94-5(9)174(Str)



IG-94-5 (2) 171 E
I IG 94 5 (4) 173 R
I IG 94 5 (7) 174 C (Rd - Sign - Fence 65 Mi)
I IG 94 5 (10) 174 C (Pave, Seed, Sign)
I IG 94-5 (9) 174 (Str)
I-94-5 (3) 182-E
I-IG 94-5 (8) 181-R
I-94-6 (3) 191 E
I-94-6 - (18) 191 R



PRAIRIE CO.

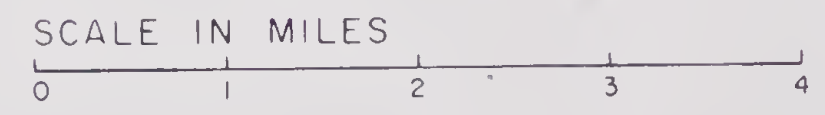
I-94-6(3) 191 E
I-94-6-(18) 191 R

I 94 6 (19) 197-R



LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS



MONTANA

INTERSTATE ROUTE 94

Sheet 4 of 5

Date December 31, 1970

I-94-6 (3) 191-E

I-94-6 (20) 202 R

I 94 6 17 209 C (Seed Landscape)

I 16 94-6 (14) 209-C (R)

I 16 94-6 (17) 209 J3 C

I 94-6 (24) 211 (Light)

TO CIRCLE

F13.1

F11

F12

F13.1

YELLOWSTONE

FAS 335
RAILWAY

PACIFIC

FAS 335
147

NORTHERN

TO RURAL AREA

R.55 E.

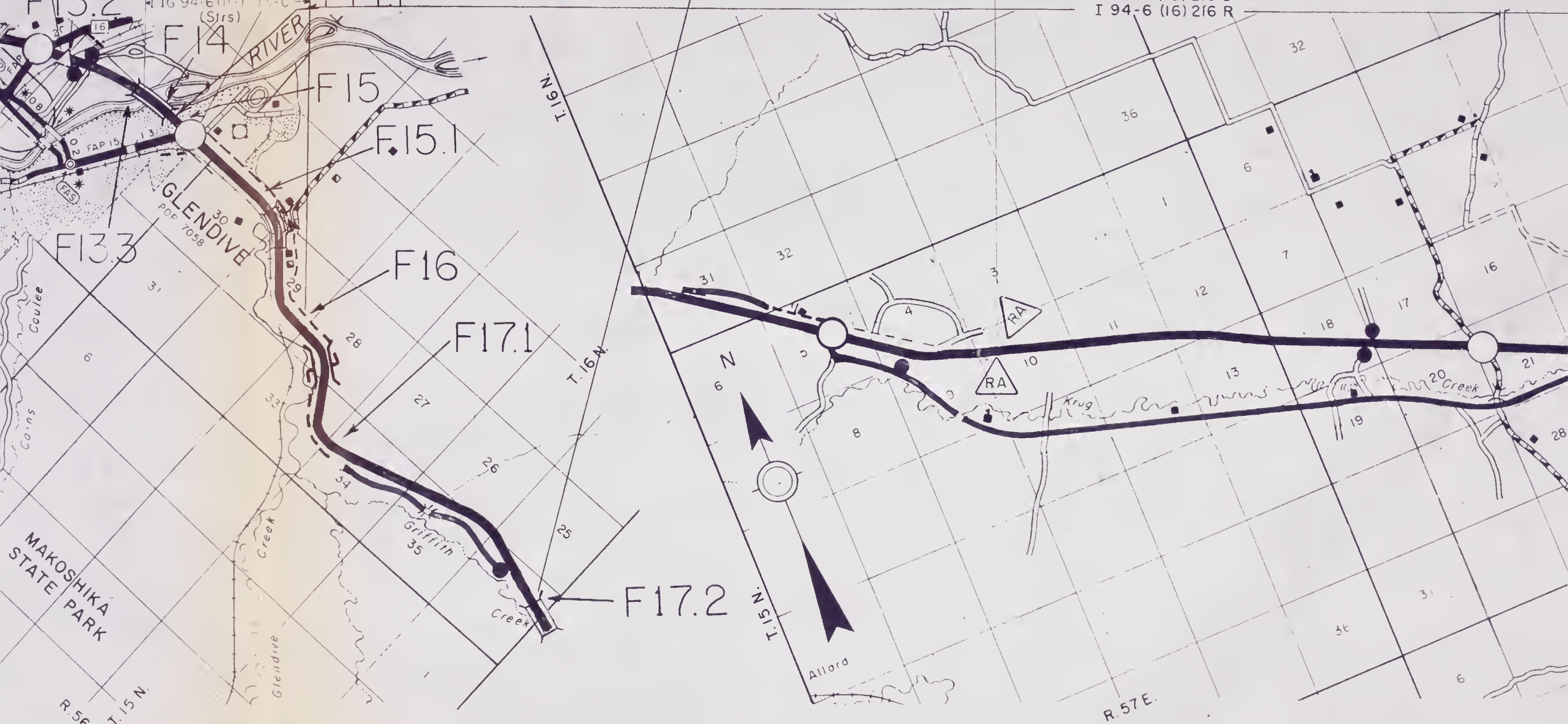
N

MAKOSH
STATE PA

R.5

DAV

I-IG 94-6 (1) 208 E & R
 I 94-6 (2) 216-C (4.2 mi Rd)
 I 94-6 (4) 216-C (Seeding)
 I 94-6 (7) 216-C (Signs)
 I 94-6 (16) 216-R
 I 94-6 (5) 221-E
 I 94-6 (6) 221-R
 I 94-6 (8) 221-C (12.8 mi. Rd, Str, Fence, Sign)
 I 94-6 (9) 221-C (Seeding)
 I-94-6 (11) 226-C (Rest Area)
 I 94-6 (15) 216-E
 I 94-6 (16) 216-R
 I 94(6) 25 226 C (Heat)



(5) 221-E
 (6) 221-R
 (8) 221-C (12.8 mi. Rd, Str, Fence, Sign)
 (9) 221-C (Seeding)
 (Rest Area) — I 94(6)25 226 C (Heat)
 5) 216-E
 6) 216 R

I-94-7 (1) 233-E
 I-94-7 (2) 233-R
 I-94-7 (4) 233-C (15.3 mi. Rd-Fence-Seal)
 I-94-7 (5) 233-C (Signing)
 I-94-7 (6) 233-C (Seeding)
 I-94-7 (3) 240-C (Str)
 I-94-7 (7) 233-E
 I-94-7 (8) 233-F



WIBAUX CO

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 115

Sheet 1 of 1 Sheets

ITEM	ESTIMATE SECTION											Subtotal		Total for Rte.
	K1.1	K1.2										Rural	Urban	
	K1.2	K2												
	22	22												
1. Section Length, miles (0.1)	0.3	1.1										1.4	--	1.4
2. Class: Rural or Urban (R or U)	R	R												
3. Urban Area Identification (name and code)														
4. Location: Existing, new or toll (E, N or T)	E	E												
5. Mileage increment: Code 1, 2, 3 or 4	1	1												
6. Design speed (V)	70	50												
7. Traffic: a. ADT 1970	3904	3904												
b. ADT 1975	5450	5450												
c. ADT 1990	7400	7400												
d. ADT 2000	8450	8450												
8. Traffic: a. Design Year (19)	88	88												
b. ADT Design Year	7150	7150												
c. DHV Design Year	830	830												
d. D Directional distribution factors	60	60												
e. T Percent trucks design year (DHV)	10	10												
f. T Percent trucks design year (ADT)	14	14												
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4												
10. Mileage without frontage roads	0.3	1.1										1.4	--	1.4
11. Mileage with frontage roads one side only														
12. Mileage with frontage roads on both sides														
13. Typical cross-section reference	30	30												
14. Right-of-Way Width: Minimum	200	200												
Prevailing	300	300												
15. Median Width: Minimum	12	12												
Prevailing	76	76												

Signature: Lewis H. Chubb State Highway Engineer July 16, 1971
State: _____ Name Title Date

H. M. Stewart Division Engineer July 16, 1971
FHWA: _____ Name Title Date

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 115
Sheet 1 of 1 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE											SUBTOTAL		
	K1.1	K1.2										RURAL	URBAN	TOTAL FOR RTE.
	K1.2	K2												
Section Length, miles (0.1)	22	22												
Class: Rural or Urban (R or U)	0.3	1.2										1.5		1.5
Urban Area identification (name and code)	R	R												
Location: Existing, new or toll (E, N or T)	E	E												
Mileage increment: Code 1, 2, 3 or 4	1	1												
No. Lanes to be constructed this estimate														
No. Lanes to be improved this estimate														
No. through traffic lanes	4	4												
Status of improvement December 31, 1970	1a(1)f	1a(1)f												
WORK CLASSIFICATION														
1. Preliminary Engineering		1										1		1
2. Right-of-Way														
a. Right-of-Way and acquisition														
b. Relocation payments														
3. Clear & grub; demolition														
4. Utility adjustments														
5. Grade & drain; minor structures														
6. Subbase; base; surfacing; shoulders														
7. R.R. grade separations														
8. Highway grade separations without ramps														
9. Interchanges														
10. Other bridges; tunnels														
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices														
b. Motorist service signs														
c. Safety improvements on completed sections		2										2		2
13. Roadside improvement														
a. Erosion Control														
b. Landscaping														
c. Rest Areas														
d. Scenic overlooks														
14. All other items														
15. Subtotal, lines 3 to 14		2										2		2
16. Construction Engineering & Contingencies, 10% of Line 15		0										0		0
17. Total Cost of Construction, Lines 15 & 16		2										2		2
18. Total Estimate Cost, line 1, 2 & 17		3										3		2

Signature: Lewis H. Fulton State Highway Engineer July 16, 1971
 State: _____ Name _____ Title _____ Date _____

H. N. Stewart Division Engineer July 16, 1971
 FHWA: _____ Name _____ Title _____ Date _____

**TABLE C-1 - COST ESTIMATE AND NUMBER OF STRUCTURES AND REST AREAS
BY ESTIMATE SECTIONS WITH ROUTE TOTALS**

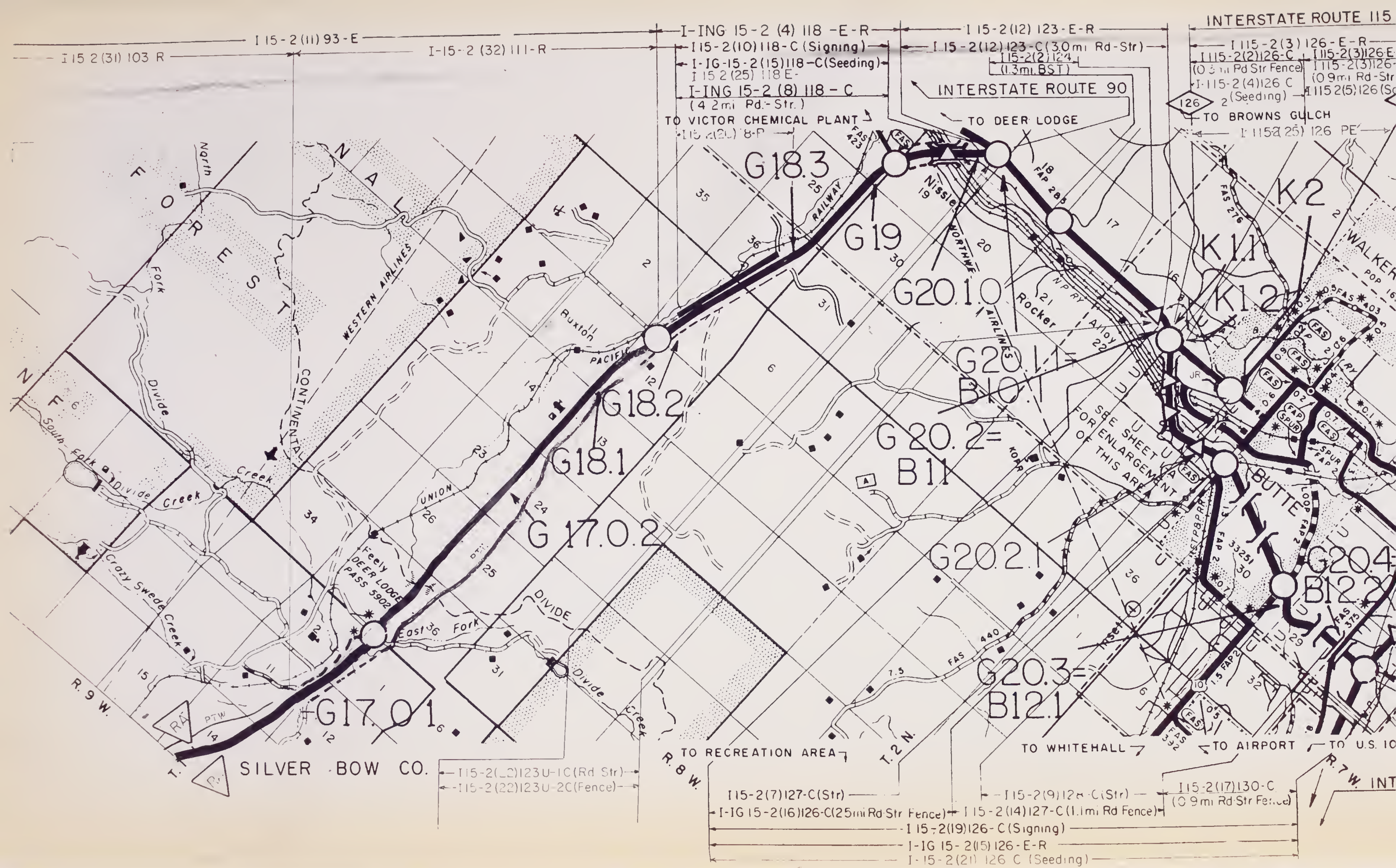
STATE MONTANA

INTERSTATE ROUTE NO. 115
Sheet 1 of 1 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE																				SUBTOTAL		TOTAL FOR ROUTE					
	K1.1 K1.2	K1.2 K2																			RURAL	URBAN						
Section length, miles (0.1)	22	22																					1.5		1.5			
Class: Rural or Urban (R or U)	R	R																										
Urban Area identification (name and code)																												
Location: Existing, new or toll (E, N or T)	E	E																										
Mileage increment: Code 1, 2, 3 or 4	1	1																										
No. Lanes to be constructed this estimate	0	0																										
No. Lanes to be improved this estimate	0	0																										
No. through traffic lanes	4	4																										
Status of improvement, December 31, 1970	1a(1)f	1a(1)f																										
ESTIMATED COSTS (\$1,000) AND NUMBER OF UNITS AND STRUCTURES																												
Item No. From Table C	WORK CLASSIFICATION		Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str	Unit	Str
7.	R.R. grade separation - Cost																											
a.	No. to be constructed																											
	Cost																											
b.	No. in service or authorized - to be improved																											
	Cost																											
c.	No. in service - cost = zero																											
d.	No. in authorized status - cost = zero																											
8.	Highway grade separations without ramps - Cost																											
a.	No. to be constructed																											
	Cost																											
b.	No. in service or authorized - to be improved																											
	Cost																											
c.	No. in service - cost = zero				2	3															2	3					2	3
c.	No. in authorized status - cost = zero																											
9.	Interchanges - Cost																											
a.	No. to be constructed																											
	Cost																											
b.	No. in service or authorized - to be improved																											
	Cost																											
c.	No. in service - cost = zero				1	2															1	2					1	2
d.	No. in authorized status - cost = zero																											
10.	Other bridges and tunnels - Cost																											
a.	No. to be constructed																											
	Cost																											
b.	No. in service or authorized - to be improved																											
	Cost																											
c.	No. in service - cost = zero																											
d.	No. in authorized status - cost = zero																											
ESTIMATED COSTS (\$1,000) AND NUMBER OF REST AREAS																												
13c.	Rest Areas - Cost																											
a.	No. to be constructed																											
	Cost																											
b.	No. in service or authorized - to be improved																											
	Cost																											
c.	No. in service - cost = zero																											
d.	No. in authorized status - cost = zero																											

Signature: Louis M. Chittenden State Highway Engineer July 16, 1971
State: _____ Name: _____ Title: _____ Date: _____

Signature: H. N. Stewart Division Engineer July 16, 1971
FHWA: _____ Name: _____ Title: _____ Date: _____



ROUTE 115

26-E-R
115-2(3)126-E
115-2(3)126-C
(0.9mi Rd-Str)
1152(5)126(Sd)

CH

26 PE

I-IG 15-2 (6) 131-E
I-IG 15-2 (13) 131-R
I-IG-15-2 (16) 131-C (Rd,
Str, Sign, Fence)
I 15-2 (23) 131 F
I 15 2 (24) 131 R

I-15-3 (2) 134 E
I 15-3 (16) 134-R

I 15-3 (11) 144-E
I 15 3 (17) 144 R



U.S. 10

INTERSTATE ROUTE 90

2 134 3









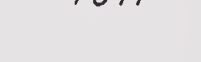
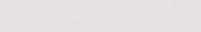


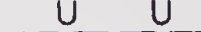


JE



JEFFERSON CO.



LEGEND FOR INTERSTATE ROUTES

-  INTERSTATE LOCATION STEP 4 - 5
-  INTERSTATE LOCATION STEP 1 - 2 - 3
-  INTERCHANGE
-  HIGHWAY GRADE SEPARATION - NO CONNECTION
-  RAILROAD GRADE SEPARATION
-  COMBINATION HIGHWAY - RAILROAD GRADE SEPARATION
-  OTHER BRIDGE
-  TUNNEL
-  TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
-  FRONTAGE ROAD
-  TERMINATED CROSS ROAD
-  INTERSECTION AT-GRADE
-  URBAN AREA BOUNDARY
-  POST MILEAGE
-  ROUTE SECTIONS

SCALE IN MILES



MONTANA

INTERSTATE ROUTE 15

Sheet 3 of 8

Date DECEMBER 31, 1970

INTERSTATE ROUTE 115

(COMPLETE ROUTE ON THIS SHEET.)

TABLE B - DESIGN CLASSIFICATION BY ESTIMATE SECTIONS

STATE Montana

INTERSTATE ROUTE NO. 315

Sheet 1 of 1 Sheets

ITEM	ESTIMATE SECTION											Subtotals		
	L1 L2	L2 L3										Rural	Urban	Total for Rte.
	22	22												
1. Section Length, miles (0.1)	0.3	0.5											0.8	0.8
2. Class: Rural or Urban (R or U)	U*	U*												
3. Urban Area Identification (name and code)	357*	357*												
4. Location: Existing, new or toll (E, N or T)	E	E												
5. Mileage increment: Code 1, 2, 3 or 4	1	1												
6. Design speed (V)	50	50												
7. Traffic: a. ADT 1970	7300	7300												
b. ADT 1975	10650	10650												
c. ADT 1990	14800	14800												
d. ADT 2000	17150	17150												
8. Traffic: a. Design Year (19)	84	84												
b. ADT Design Year	13150	13150												
c. DHV Design Year	1530	1530												
d. D Directional distribution factors	60	60												
e. T Percent trucks design year (DHV)	7	7												
f. T Percent trucks design year (ADT)	10	10												
g. Assigned Corridor ADT design year														
9. Number of through traffic lanes (Design yr trf)	4	4												
10. Mileage without frontage roads	0.3	0.5											0.8	0.8
11. Mileage with frontage roads one side only														
12. Mileage with frontage roads on both sides														
13. Typical cross-section reference	30	30												
14. Right-of-Way Width: Minimum	200	180												
Prevailing	240	200												
15. Median Width: Minimum	20	20												
Prevailing	20	20												

Great Falls
 * Section is comparable to a corresponding section in the 1970 Estimate.

Signature: *Leah M. Chittenden*

State: _____

Name: _____

Title: State Highway Engineer

Date: July 16, 1971

H. N. Stewart

FHWA: _____

Name: _____

Title: Division Engineer

Date: July 16, 1971

TABLE C - COST ESTIMATE BY ESTIMATE SECTIONS WITH ROUTE TOTALS

STATE MontanaINTERSTATE ROUTE NO. 315
Sheet 1 of 1 Sheets

ITEM	ESTIMATE SECTION & FINANCE CODE											SUBTOTAL		
	L1	L2										RURAL	URBAN	TOTAL FOR RTE.
	L2	L3												
	22	22												
Section Length, miles (0.1)	0.3	0.5											0.8	0.8
Class: Rural or Urban (R or U)	U	U												
Urban Area identification (name and code)	357#	357#												
Location: Existing, new or toll (E, N or T)	E	E												
Mileage increment: Code 1, 2, 3 or 4	1	1												
No. Lanes to be constructed this estimate														
No. Lanes to be improved this estimate														
No. through traffic lanes	4	4												
Status of improvement December 31, 1970	1a(1)f	1a(1)f												
WORK CLASSIFICATION														
1. Preliminary Engineering	1	1											2	2
2. Right-of-Way														
a. Right-of-Way and acquisition														
b. Relocation payments														
3. Clear & grub; demolition														
4. Utility adjustments														
5. Grade & drain; minor structures														
6. Subbase; base; surfacing; shoulders														
7. R.R. grade separations														
8. Highway grade separations without ramps														
9. Interchanges														
10. Other bridges; tunnels														
11. Walls														
12. Traffic control and safety improvements														
a. Guardrail; fencing; lighting; traffic control devices														
b. Motorist service signs														
c. Safety improvements on completed sections	12	8											20	20
13. Roadside improvement														
a. Erosion Control														
b. Landscaping														
c. Rest Areas														
d. Scenic overlooks														
14. All other items														
15. Subtotal, lines 3 to 14	12	8											20	20
16. Construction Engineering & Contingencies, 10% of Line 15	1	1											2	2
17. Total Cost of Construction, Lines 15 & 16	13	9											22	22
18. Total Estimate Cost, line 1, 2 & 17	14	10											24	24

Great Falls

Signature: Leona M. Williams State Highway Engineer July 16, 1971
 State: _____ Name _____ Title _____ Date _____

H. M. Stewart Division Engineer July 16, 1971
 FHWA: _____ Name _____ Title _____ Date _____

[illegible]

Signature: H. N. Stewart Division Engineer July 16, 1971
FHWA: Name Title Date

I-15-15 4(23) 221-R

I-IG-15-5 (21) 230 R

I-IG-15-4(26) 221 C (Rd, Str, Sign, Fence)

I-15-4(28) 228-C (Rd, Str, Fen)

I-15-4(33) 229 C (1mi, Gr, Fen)

I-15-5-(25) 238 C (Culv)

I-15-4(32) 218 C (Seed)

I-15-4 (41) 228-C (Seed)

I-15-5(35) 230 C (Gr, PMB

I-15-5 (23) 234 C (Rd, Str, Fence)

I-15-4(42) 221 E (Slide)

I-15-4 (39) 229-C (Str)

Fen. Str.)

I-IG-15(33) 237 C Str (4.6 mi)

I-15-4(46) 221-C (Detour)

I-15-4(29) 227-C Str

I-15-5(35) 230 (Strs), 3.1mi, Gr, Fen)

I-15-5 (49) 234-C (Slope Protection)

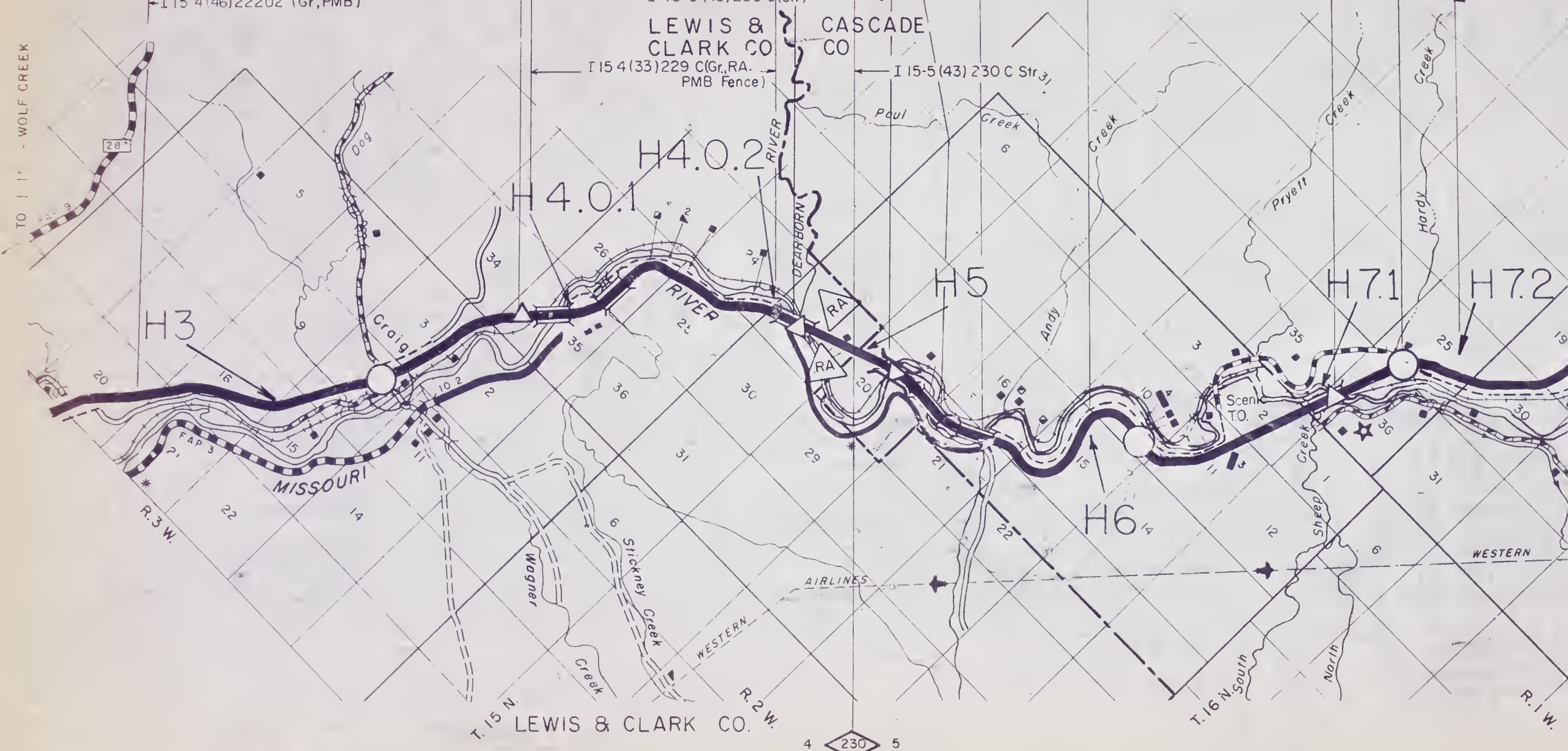
I-15-4(46) 222U2 (Gr, PMB)

I-15-5 (43) 230-C (Str)

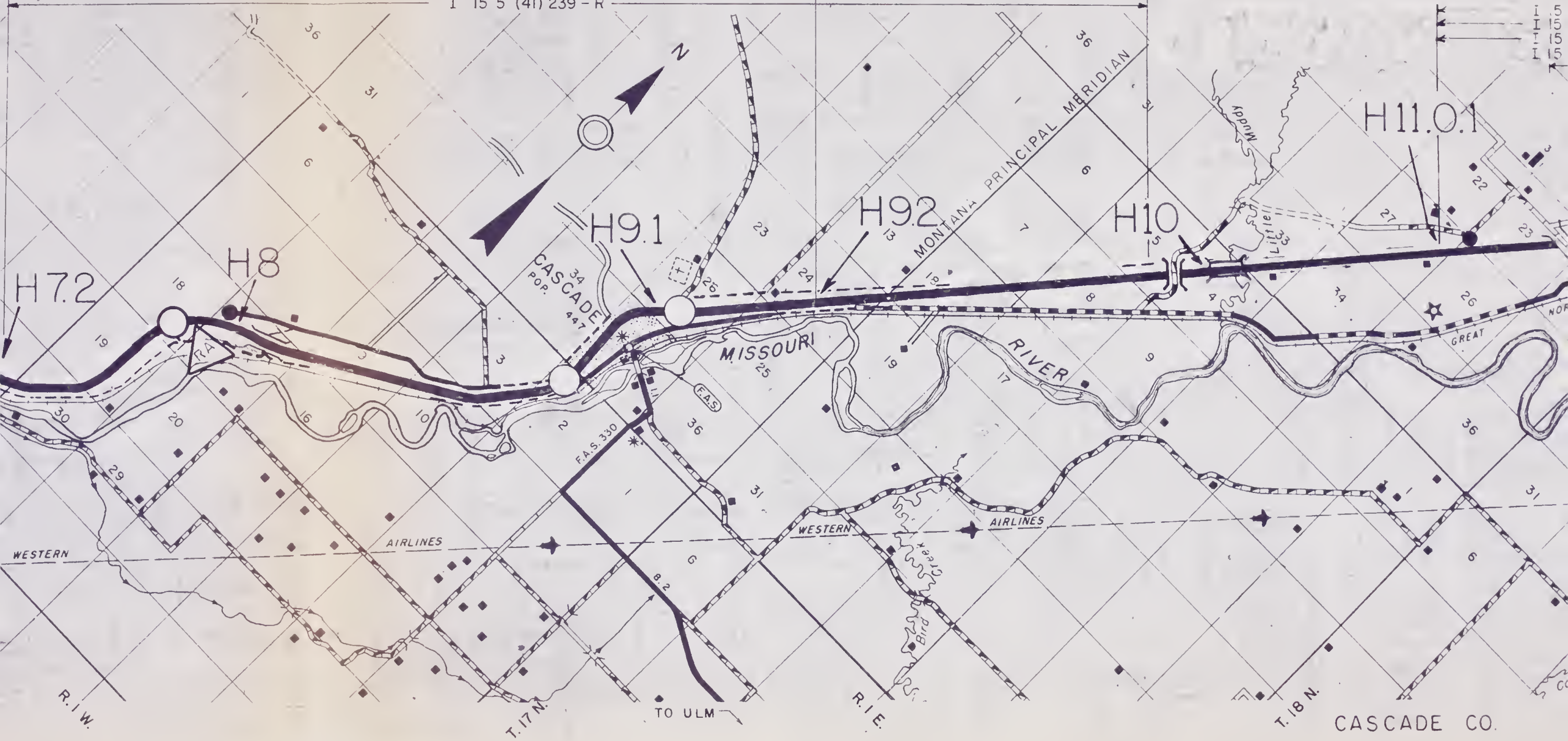
LEWIS &
CLARK COCASCADE
COI-15-4(33) 229 C (Gr, RA,
PMB Fence)

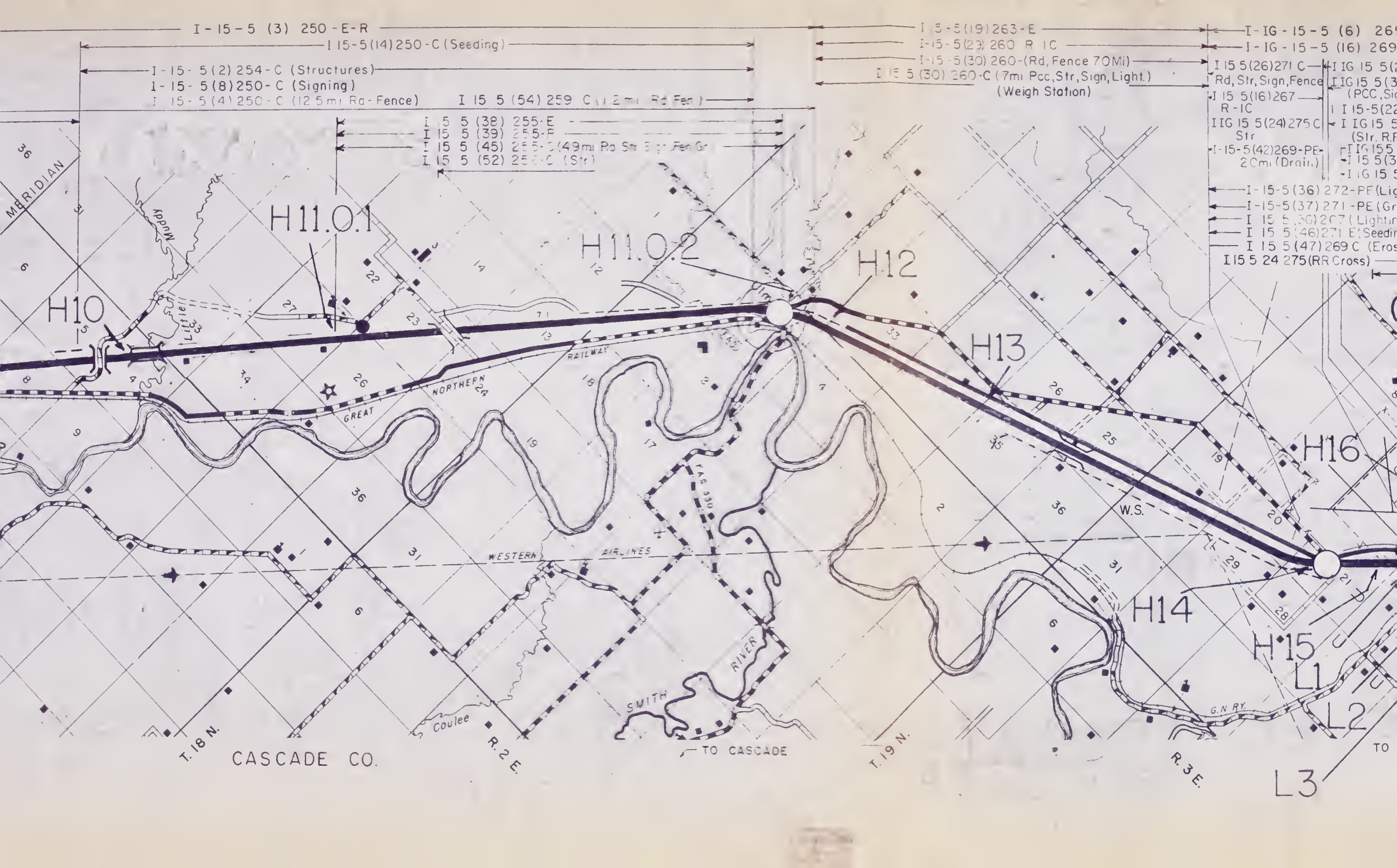
I-15-5 (43) 230 C Str 3!

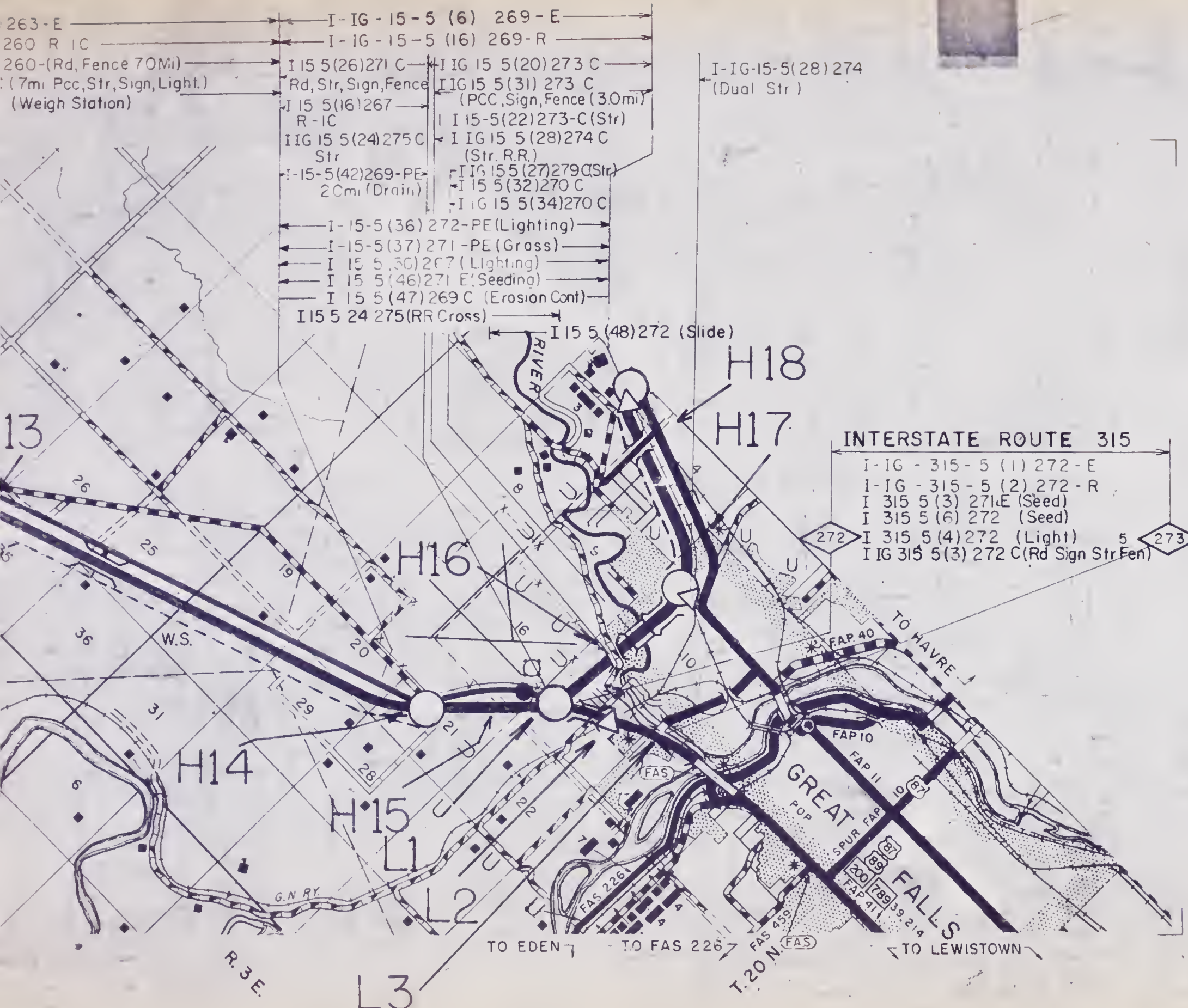
TO 11' - WOLF CREEK



5-5 (5) 230-E
I 15-5 (13) 239-R
I 15-5 (13) 239-C (9.7mi. Rd-Str-Fence)
I 15-5 (17) 239-C (Signing-Del)
I 15-5 (18) 239-C (Seeding)
I 15-5 (40) 239-E
I 15-5 (41) 239-R
I 15-5 (3) 250-E-R
I 15-5 (14) 250-C (S)
I 15-5 (2) 254-C (Structures)
I 15-5 (8) 250-C (Signing)
I 15-5 (4) 250-C (12.5mi. Rd-Fence)
I 15-5 (5) 250-C (12.5mi. Rd-Fence)



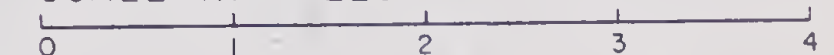




LEGEND FOR INTERSTATE ROUTES

- INTERSTATE LOCATION STEP 4-5
- INTERSTATE LOCATION STEP 1-2-3
- INTERCHANGE
- HIGHWAY GRADE SEPARATION - NO CONNECTION
- RAILROAD GRADE SEPARATION
- COMBINATION HIGHWAY-RAILROAD GRADE SEPARATION
- OTHER BRIDGE
- TUNNEL
- TOLL BRIDGE, TUNNEL, HIGHWAY OR COMBINATION
- FRONTAGE ROAD
- TERMINATED CROSS ROAD
- INTERSECTION AT-GRADE
- URBAN AREA BOUNDARY
- POST MILEAGE
- ROUTE SECTIONS

SCALE IN MILES



MONTANA

INTERSTATE ROUTE 15

Sheet 5 of 8

Date DECEMBER 31, 1970

INTERSTATE ROUTE 315

(COMPLETE ROUTE ON THIS SHEET.)

TABLE D - COST ESTIMATE BY ROUTES AND STATE TOTAL

STATE MONTANA

Interstate Route Number	I-15		I-90		I-94		I-115		I-315		SUBTOTALS		TOTALS
Class: Rural or Urban (r or U)	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban	
Length, miles	386.0	9.0	528.4	15.3	244.4	3.4	1.5	0	0	0.8	1160.3	28.5	1188.8
WORK CLASSIFICATION													
1. Preliminary Engineering	748	15	117	23	369	1	1			2	1,235	41	1,276
2. Right-of-way													
a. Right-of-way and acquisition	691		4,281	21	573	6					5,545	27	5,572
b. Relocation payments	70		297		249						616		616
3. Clear & Grub; demolition	353		392								745		745
4. Utility Adjustments	1,162		2,350		342						3,854		3,854
5. Grade & drain; minor structures	52,927		46,556	28	22,798						122,281	28	122,309
6. Subbase; base; surfacing; shoulders	32,178		32,474	42	16,497						81,149	42	81,191
7. R.R. grade separations	6,556		4,423		281						11,260		11,260
8. Highway grade separations without ramps	2,668		2,945		1,740						7,353		7,353
9. Interchanges	11,162		9,155		7,448						27,765		27,765
10. Other bridges; tunnels	5,643		21,149		4,385						31,177		31,177
11. Walls			1,161								1,161		1,161
12. Traffic Control and safety improvements													
a. Guardrail; fencing; lighting; traffic control devices	3,658		3,716		1,979						9,353		9,353
b. Motorist service signs													
c. Safety improvements on completed sections	1,327	241	2,002	357	412		2			20	3,743	618	4,361
13. Roadside improvement													
a. Erosion Control	1,160		866		699						2,725		2,725
b. Landscaping	1,260		1,008		936						3,204		3,204
c. Rest Areas	1,489		3,210		1,226						5,925		5,925
d. Scenic overlooks	31		31								62		62
14. All other items	2,124		2,219		697						5,040		5,040
15. Subtotal, lines 3 to 14	123,698	241	133,657	427	59,440		2			20	316,797	688	317,485
16. Construction Engineering & Contingencies 10% of Line 15	12,370	24	13,365	43	5,944					2	31,679	69	31,748
17. Total Cost of Construction, Lines 15 and 16	136,068	265	147,022	470	65,385		2			22	348,477	757	349,234
18. Total Estimated Cost, Lines 1, 2 & 17	137,577	280	151,717	514	66,576	7	3			24	355,873	825	356,698
19. Route Total, Rural plus Urban	137,850		152,231		66,583		3			24			356,698

Signature: Leona H. Galt State Highway Engineer July 16, 1971
 State: _____ Name _____ Title _____ Date _____

H. N. Stewart Division Engineer July 16, 1971
 FHWA: _____ Name _____ Title _____ Date _____

TABLE E - WORK EXPECTED TO BE FINANCED WITH FUNDS OTHER THAN
FEDERAL-AID INTERSTATE AND STATE MATCHING FUNDS

(Items under Finance Code Numbers 12, 13 and 24, Table C)

STATE MONTANA

Specific Source of Funds	Interstate Route Number	Estimate Section	Work Class	Rural or Urban	Estimated Cost From Table C (1,000 Dollars)
None	None	None	None	None	None
Subtotals:					
a- Other Federal Funds					
b- Other Public Funds					
c- Bond Financing					
Total					

Signature: Lewis H. Gullam State Highway Engineer July 16, 1971
 State: _____ Name Title Date
H. M. Stewart Division Engineer July 16, 1971
 BPR: _____ Name Title Date

TABLE E-1 COST OF INTERSTATE BOND PROJECTS

AND ACI PROJECTS

(Projects completed or in authorized status as of January 1, 1969)

STATE MONTANA

INTERSTATE ROUTE	ESTIMATE SECTION	PROJECT NO.	WORK CLASS	Rural or Urban	Actual or Estimated Project Costs		Total Cost
					Federal (I) Funds	State Matching	
None	None	None	None	None	None	None	None
TOTALS							

The above projects are not included in Table C or Table D.

Signature: Louis H. Chilton

State: _____

Name

State Highway Engineer

Title

July 16, 1971

Date

BPR: H. Stewart

Name

Division Engineer

Title

July 16, 1971

Date

